IN THE UNITED STATES BANKRUPTCY COURT FOR THE SOUTHERN DISTRICT OF TEXAS HOUSTON DIVISION

	§	
In re:	§	Chapter 11
	§	
CORE SCIENTIFIC, INC., et al.,	§	Case No. 22-90341 (CML)
	§	
	§	(Jointly Administered)
Debtors. ¹	§	

CERTIFICATE OF SERVICE

I, Jin Sul, depose and say that I am employed by Stretto, the claims and noticing agent for the Debtors in the above-captioned cases.

On December 27, 2023, at my direction and under my supervision, employees of Stretto caused 5,100 sets of the following document to be served via overnight mail on Broadridge Financial Services, Inc., at Attn: Receiving, 51 Mercedes Way, Edgewood, NY 11717, Job #s N97187, N97188, and N97189:

• Emergency Motion of Debtors Seeking (I) Modification of Certain Dates and Deadlines Set Forth in the Disclosure Statement Order and (II) Conditional Approval of the Debtor's Disclosure Statement Supplement (Docket No. 1626)

Furthermore, on December 27, 2023, at my direction and under my supervision employees of Stretto caused 15 copies of the following document to be served via overnight mail on Mediant Communications Inc. at Attn: Stephany Hernandez, 100 Demarest Drive, Wayne, NJ 07470, Job # 2315401:

• Emergency Motion of Debtors Seeking (I) Modification of Certain Dates and Deadlines Set Forth in the Disclosure Statement Order and (II) Conditional Approval of the Debtor's Disclosure Statement Supplement (Docket No. 1626)

Furthermore, on December 27, 2023, at my direction and under my supervision employees of Stretto caused 5 copies of the following documents to be served via overnight mail on the service list attached hereto as **Exhibit B**:

- Emergency Motion of Debtors Seeking (I) Modification of Certain Dates and Deadlines Set Forth in the Disclosure Statement Order and (II) Conditional Approval of the Debtor's Disclosure Statement Supplement (Docket No. 1626)
- Instructional Cover Letter to Nominees (attached hereto as Exhibit A)

¹ The Debtors in these chapter 11 cases, along with the last four digits of each Debtor's federal tax identification number, are as follows: Core Scientific Mining LLC (6971); Core Scientific, Inc. (3837); Core Scientific Acquired Mining LLC (6074); Core Scientific Operating Company (5526); Radar Relay, Inc. (0496); Core Scientific Special Mining (Oklahoma) LLC (4327); American Property Acquisitions, LLC (0825); Starboard Capital LLC (6677); RADAR LLC (5106); American Property Acquisition I, LLC (9717); and American Property Acquisitions, VII, LLC (3198). The Debtors' corporate headquarters and service address is 210 Barton Springs Road, Suite 300, Austin, Texas 78704.

Furthermore, on December 27, 2023, at my direction and under my supervision, employees of Stretto caused the following documents to be served via first-class mail attached hereto as **Exhibit C**, and via electronic mail on the service list attached hereto as **Exhibit D**:

- Emergency Motion of Debtors Seeking (I) Modification of Certain Dates and Deadlines Set Forth in the Disclosure Statement Order and (II) Conditional Approval of the Debtor's Disclosure Statement Supplement (Docket No. 1626)
- Instructional Cover Letter to Nominees (attached hereto as Exhibit A)

Furthermore, on December 27, 2023, at my direction and under my supervision, employees of Stretto caused the following document to be served via first-class mail on the service list attached hereto as **Exhibit E**:

• Emergency Motion of Debtors Seeking (I) Modification of Certain Dates and Deadlines Set Forth in the Disclosure Statement Order and (II) Conditional Approval of the Debtor's Disclosure Statement Supplement (Docket No. 1626)

Furthermore, on December 27, 2023, at my direction and under my supervision, employees of Stretto caused the following document to be served via electronic mail on Depository Trust & Clearing Corporation at lensnotices@dtcc.com

• Emergency Motion of Debtors Seeking (I) Modification of Certain Dates and Deadlines Set Forth in the Disclosure Statement Order and (II) Conditional Approval of the Debtor's Disclosure Statement Supplement (Docket No. 1626)

Dated: January 8, 2024 /s/ Jin Sul

Jin Sul STRETTO 410 Exchange, Suite 100 Irvine, CA 92602 Telephone: 949-404-4152

Email: TeamCoreScientific@stretto.com

Exhibit A



To Custodians, Banks, Brokers, and Other Nominees (each, a "Nominee"):

Re: Case Number: 22-90341 (CML) – Core Scientific, Inc., et al. CHAPTER 11 BANKRUPTCY

CUSIP No. 21873J 108

Core Scientific, Inc., et al., (the "Debtors"), filed with the United States Bankruptcy Court for the Southern District of Texas (the "Court"), the enclosed *EMERGENCY MOTION OF DEBTORS SEEKING (I) MODIFICATION OF CERTAIN DATES AND DEADLINES SET FORTH IN THE DISCLOSURE STATEMENT ORDER AND (II) CONDITIONAL APPROVAL OF THE DEBTORS' DISCLOSURE STATEMENT SUPPLEMENT (Docket No. 1626) (the "Motion"). Stretto, the Claims and Noticing agent for Debtors, was instructed by the Debtors' counsel that the Motion must be served upon holders who purchased common stock (CUSIP No. 21873J 108) (the "Other Beneficial Owners") from January 3, 2022 through December 21, 2022, inclusive (the "Class Period").*

CUSIP/ISIN No.	<u>Class Period</u>
21873J 108 / US21873J1088	From January 3, 2022 through December 21, 2022, inclusive

Stretto has provided the appropriate number of sets of Motion as requested by Broadridge and Mediant, respectively. The following referenced job numbers pertain to the mailings established at Broadridge and Mediant. Please mail the provided Motion via USPS First-Class Mail and Email to the Class Period Other Beneficial Holders in your books and records as applicable.

Broadridge Job No.(s)	Mediant Job No.(s)
N97187, N97188, N97189	2315401

If you are not the correct individual or department to research and disburse the requested information, please forward to the proper individual at your firm.

Exhibit B



Exhibit B

Served via Overnight Mail

Name	Attention	Address 1	Address 2	Address 3	City	State	Zip
Depository Trust Company		570 Washington Blvd.	Attn Reorg Dept 4th Floor		Jersey City	NJ	07310
FOLIOfn, Inc.		8180 Greensboro Drive	8th Floor		McLean	VA	22102
ProxyTrust	Attn Receiving Department	100 Patco Court	Suite 9		Islandia	NY	11749

Exhibit C



Nama	Attantion	Address 1	Address 2	Address 3	City	Chata Zin Country
ABN AMRO CLEARING CHI LLC/INSTNL ABN AMRO CLEARING CHICAGO LLC	KIM VILARA	175 W. JACKSON BLVD	SUITE 400		CHICAGO	State Zip Country IL 60605
ABN AMRO CLEARING CHICAGO LLC ABN AMRO CLEARING CHICAGO/BONDS	PORTFOLIO MARGINING SUE NOWICKI	SUE NOWICKI 175 W. JACKSON BLVD	175 W. JACKSON BLVD SUITE 400	SUITE 400	CHICAGO	IL 60604 IL 60604
ABN AMRO SECS (USA)BANKNV REPO	ROBERT ALONGI	100 PARK AVENUE	17TH FLOOR		CHICAGO NEW YORK	NY 10017
ARN AMRO SECURITIES (USA) LLC	ROBERT ALONGI	VICE PRESIDENT	100 PARK AVENUE	17TH FLOOR	NEW YORK	NY 10017
ABN AMRO SECURITIES (USA) LLC/A/C#2 ABN AMRO SECURITIES (USA) LLC/REPO	ROBERT ALONGI ROBERT ALONGI	VICE PRESIDENT 100 PARK AVENUE	100 PARK AVENUE 17TH FLOOR	17TH FLOOR	NEW YORK NEW YORK	NY 10017 NY 10017
ADR-CITI	TOM CRANE	111 WALL STREET	20TH FLOOR/ZONE 7		NEW YORK	NY 10017 NY 10043
AFLAC INCORPORATED/DRS	JOAN M. DIBLASI	1932 WYNNTON ROAD			COLUMBUS	GA 31999
ALASKA USA FEDERAL CREDIT UNION ALBERT FRIED & CO LLC/STOCK LOAN	CORPORATE ACTIONS CORPORATE ACTIONS	P.O. BOX 196613 45 BROADWAY	24TH FLOOR		ANCHORAGE NEW YORK	AK 99519-6613 NY 10006
Albert Fried & Company, LLC	Attn: Anthony Katsingris	45 Broadway	24th Floor 24th Floor		New York	NY 10006
ALPACA SECURITIES LLC ALPINE SECURITIES CORPORATION	Attn: Anthony Katsingris ATTN CORPORATE ACTIONS	42881 LAKE BABCOCK DR.	SUITE 200		BABCOCK RANCH	FL 33982 UT 84110-3478
ALPINE SECURITIES CORPORATION ALPINE SECURITIES CORPORATION	CORPORATE ACTIONS TODD GROSKREUTZ	PO BOX 3478 440 EAST 400 SOUTH			SALT LAKE CTY	UT 84110-3478 UT 84111
ALTRUIST FINANCIAL LLC/STOCK LOAN ACCOUNT	ATTN CORPORATE ACTIONS	3030 S LA CIENGA BLVD			CULVER CITY	CA 90232
Amalgamated Bank	Stephen Erb	275 Seventh Avenue	9th Floor		New York	NY 10001
Amalgamated Bank AMALGAMATED BANK OF CHICAGO AMALGAMATED BANK OF CHICAGO/IPA	Corporate Actions ROGER SCHAEFFER BERNETTA SMITH	275 Seventh Avenue 1 W MONROE STREET			New York	NY 10011
AMALGAMATED BANK OF CHICAGO/IPA	BERNETTA SMITH	TRUST OPERATIONS OFFICER	ONE WEST MONROE STREET		CHICAGO CHICAGO	IL 60603 IL 60603
American Enterprise Invest Svcs Inc	Attn: Corporate Actions	2178 Ameriprise Financial	Routing S6/2178		Minneapolis	MN 55474
American Enterprise Invest Svcs Inc American Enterprise Invest Svcs Inc	Attn: Reorg Department Erin M Stieler	2178 Ameriprise Financial Center 682 Amp Financial Center	Routing: S6/2178		Minneapolis Minneapolis	MN 55474 MN 55474
American Enterprise Invest Svcs Inc	Greg Wraalstad	Corporate Actions	901 3rd Ave South		Minneapolis	MN 56474
American Enterprise Investment Svcs AMERICAN ENTERPRISE INVESTMENT SVCS	Greg Wraalstad TOM EBERHART	901 3rd Ave South	2723 AMERIPRISE FINANCIAL CENTER		Minneapolis MINNEAPOLIS	MN 55474 MN 55474
AMERICAN ENTERPRISE INVESTMENT SVCS AMERICAN ENTREPRISE INVEST SVCS INC	TOM EBERHART TOM EBERHART	MANAGER CORPORATE ACTIONS - CONDUIT	2723 AMERIPRISE FINANCIAL CENTER 2723 AMERIPRISE FINANCIAL CENTER		MINNEAPOLIS MINNEAPOLIS	MN 55474 MN 55474
AMHERST PIERPONT SECURITIES LLC	CORPORATE ACTIONS	437 MADISON AVE	FL 8		NEW YORK	NY 10022-7046 CO 80206
ANB BANK	CHAUNCEY BUSACKER	3033 E 1ST AVENUE			DENVER	CO 80206
Apex Clearing Corporation	Attn: Biliana Stoimenova	1700 Pacific Avenue	Suite 1400 350 M. St. Paul, Suite 1300		Dallas	TX 75201
Apex Clearing Corporation APEX CLEARING CORPORATION/APEX CLEARING MATCHBOOK	Attn: Brian Darby ATTN: CORPORATE ACTIONS	One Dallas Center 1700 PACIFIC AVENUE	STE 1400		Dallas DALLAS	TX 75201 TX 75201
APEX CLEARING CORPORATION/STCK LOAN		1700 PACIFIC AVENUE	STE 1400		DALLAS	TX 75201
ARCHIPELAGO SECURITIES, L.L.C. ARCHIPELAGO SECURITIES, L.L.C.	CORPORATE ACTIONS TERRI O'BRIEN	100 South Wacker Drive	Suite 1800		CHICAGO	IL 60606
ARCOLA SECURITIES, INC. ASCENSUS TRUST COMPANY	RYAN LYNCH	1211 AVENUE OF THE AMERICAS	SUITE 2902		NEW YORK	NY 10036
ASCENSUS TRUST COMPANY	CORP ACTION	1126 WESTRAC DRIVE SOUTH			FARGO	ND 58103
ASSISTANT TREASURER ASSOCIATED BANK, N.A.	DONNA STEINMAN BETH CRAVILLION	THE BANK OF NEW YORK MELLON/TD BANK 433 MAIN ST	11486 CORPORATE BLVD 5TH FLOOR	SUITE 300	ORLANDO GREEN BAY	FL 32817 WI 54301
ASSOCIATED BANK, N.A./ASSOC TRS/IPA	BETH CRAVILLION	433 MAIN ST	5TH FLOOR 5TH FLOOR		GREEN BAY	WI 54301
AXOS CLEARING LLC	ANH MECHALS	9300 UNDERWOOD AVENUE	SUITE 400		OMAHA	NE 68114
AXOS CLEARING LLC AXOS CLEARING LLC	ISSUER SERVICES LUKE HOLLAND	C/O MEDIANT COMMUNICATION 1200 LANDMARK CENTER	8000 REGENCY PARKWAY SUITE 800		CARY	NC 27518 NE 68102 CA 90025 NY 10004
AXOS CLEARING ELC B. RILEY SECURITIES, INC. BANCA IMI SECURITIES CORP.	ATTN: CORPORATE ACTIONS	1200 LANDMARK CENTER 11100 SANTA MONICA BLVD. 1 WILLIAM STREET	SUITE 800		Los Angeles NFW YORK	CA 90025
BANCA IMI SECURITIES CORP.	ATTN: CORPORATE ACTIONS CORPORATE ACTIONS ARGENTARIA SA NEW YORK BRANCH		1345 AVENUE OF THE AMERICAS			NY 10004
BANCO BILBAO VIZCAYA BANK NY MELLON/FIRM ITC-INVESTDEALR	ARGENTARIA SA NEW YORK BRANCH CORPORATE ACTIONS	NANCY CHENG - VP 525 WILLIAM PENN PLACE	1345 AVENUE OF THE AMERICAS		NEW YORK PITTSBURGH	NY 10105 PA 15259
BANK OF AMERICA NA/CLIENT ASSETS	PHILLIP DUQUIN	135 SOUTH LASALLE STREET	SUITE 1860		CHICAGO	IL 60603
RANK OF AMERICA NA/FRO TEMASEK	ATTN: CORPORATE ACTIONS	1201 MAIN STREET	9TH FLOOR		DALLAS	TV 76202
BANK OF AMERICA, NA/GWIM TRST OPERA BANK OF AMERICA, NA/GWIM TRUST OPS	SHARON BROWN SHARON BROWN	1201 MAIN STREET 1201 MAIN STREET	9TH FLOOR 9TH FLOOR		DALLAS DALLAS	TX 75202 TX 75202
BANK OF AMERICA, NATIONAL ASSOC	VOI ANDA MARSH	1401 ELM STREET	16TH FLOOR		DALLAS	TY 75202
BANK OF AMERICA/LASALLE BANK NA	//PA, DTC #1581 SCOTT FIATA	GEORGE EARL - AVP	135 S LASALLE STREET	SUITE 1860	CHICAGO	IL 60603 NY 10017
BANK OF CHINA NY BRANCH/CLIENT CUST BANK OF CHINA, NEW YORK BRANCH	SCOTT FIATA SCOTT FIATA	410 MADISON AVENUE ASSISTANT VICE PRESIDENT	1045 AVENUE OF THE AMERICAS		NEW YORK NEW YORK	NY 10017 NY 10018
BANK OF CHINA, NEW YORK BRANCH BANK OF MONTREAL**	SCOTT FIATA CORPORATE ACTIONS	ASSISTANT VICE PRESIDENT ASSISTANT VICE PRESIDENT 100 KING STREET WEST	410 MADISON AVENUE 1 FIRST CANADIAN PLACE, 10TH FLOOR		NEW YORK TORONTO	NY 10017
BANK OF MONTREAL**	CORPORATE ACTIONS	100 KING STREET WEST	1 FIRST CANADIAN PLACE, 10TH FLOOR		TORONTO	ON M5X 1A1 CANADA
BANK OF MONTREAL, CHICAGO BRANCH BANK OF MONTREAL, CHICAGO BRANCH/CM	CORPORATE ACTIONS ATTN: CORPORATE ACTIONS	111 W. Monroe St. 111 W. MONROE ST			CHICAGO	IL 60603
IBANK OF MONTREAL/ CHICAGO/CDS**	CORPORATE ACTIONS	115 SOUTH LA SALLE STREET			CHICAGO	IL 60603-3800
BANK OF MONTREAL/ IRELAND/CDS**	CORPORATE ACTIONS	2 HARBOURMASTER PLACE	6TH FLOOR		DUBLIN	DUBLIN 1 IRELAND
BANK OF MONTREAL/ LONDON/CDS**	CORPORATE ACTIONS ATTN: CORPORATE ACTIONS	95 QUEEN VICTORIA STREET 115 SOUTH LA SALLE STREET			LONDON	EC4V 4HG UNITED KINGDOM
BANK OF MONTREAL/US TRANSIT/CDS BANK OF NOVA SCOTIA, NY AGENCY/IPA	CORPORATE ACTIONS	250 Vesey Street			NEW YORK	NY 10281
IBANK OF NOVA SCOTIA/BNS LONDON/CDS	CORPORATE ACTIONS	40 KING STREET WEST	SCOTIA PLAZA		TORONTO	ON M5H 1H1 CANADA
BANK OF NOVA SCOTIA/SCOTIABANK IRELAND DAC/CDS BANKERS' BANK	ATTN: CORPORATE ACTIONS JENNIFER ROZINSKI	40 KING STREET WEST 7700 MINERAL POINT ROAD	SCOTIA PLAZA		TORONTO MADISON	ON M5H 1H1 CANADA WI 53717
BARCLAYS BANK PLC NEW YORK BRANCH	BARCLAYSBANK PLC-LNBR	CORPORATE ACTIONS	200 CEDAR KNOLLS ROAD		WHIPPANY	NJ 07981
BARCLAYS BANK PLC NEW YORK BRANCH BARCLAYS CAPITAL INC. BARCLAYS CAPITAL INC.	BARCLAYSBANK PLC-LNBR	ANTHONY SCIARAFFO	1301 SIXTH AVE		NEW YORK	NY 10019 NJ 07981
BARCLAYS CAPITAL INC.	ANTHONY SCIARAFFO JOHN CLIFFORD	400 JEFFERSON PARK 222 BROADWAY			WHIPPANY NEW YORK	NJ 07981 NY 10038
BARCLAYS CAPITAL INC./BARCLAYS BANK	ANTHONY SCIARAFFO	1301 SIXTH AVE			NEW YORK	NY 10019
BARCLAYS CAPITAL INC./BARCLAYS BANK	CORPORATE ACTIONS	NELLIE FOO; DIRECTOR	200 CEDAR KNOLLS ROAD	CORPORATE ACTIONS	WHIPPANY	NJ 07981
BARCLAYS CAPITAL INC./BARCLAYS CAP	CORPORATE ACTIONS	200 CEDAR KNOLLS ROAD VICE PRESIDENT	CORPORATE ACTIONS	7TH FLOOR	WHIPPANY	NJ 07981
BARCLAYS CAPITAL INC./LE BARCLAYS CAPITAL INC./LE	GIOVANNA LAURELLA ANTHONY SCIARAFFO	CORPORATE ACTIONS	70 HUDSON STREET 400 JEFFERSON PARK	THIFLOOR	JERSEY CITY WHIPPANY	NJ 07302 NJ 07981
BARCLAYS CAPTLING /LI HLDG A LLC	CORPORATE ACTIONS	200 CEDAR KNOLLS ROAD			WHIPPANY	NJ 07981
BB&T SECURITIES, LLC BB&T SECURITIES, LLC	JESSE W. SPROUSE ATTN: CORPORATE ACTIONS	1001 SEMMES AVE 200 S. COLLEGE ST, 8TH FLOOR			RICHMOND CHARLOTTE	VA 23224-2245 NC 28202
BBS SECURITIES INC/CDS**	CORPORATE ACTIONS	4100 YONGE STREET	SUITE 415		TORONTO	ON M2P 2R5 CANADA
BBS SECURITIES INC./CDS**	CORPORATE ACTIONS THOMAS REILLY	DEBORAH CARLYLE 1345 AVENUE OF THE AMERICAS	4100 YONGE STREET 45TH FLOOR	SUITE 504A	TORONTO	ON M2P 2G2 CANADA NY 10105
BBVA SECURITIES INC. BBVA SECURITIES INC.	THOMAS REILLY ATTN: AMBER HOLT, CORPORATE ACTIONS	1345 AVENUE OF THE AMERICAS 15 SOUTH 20TH STREET	45TH FLOOR SUITE 703		NEW YORK BIRMINGHAM	NY 10105 AL 35233
BRVA SECURITIES INC/BRVA SA NEW YORK BRANCH	ATTN CORPORATE ACTIONS	1345 AVENUE OF THE AMERICAS	44TH FLOOR		NEW YORK	NY
BETA CAPITAL SECURITIES LLC		777 BRICKELL AVENUE SUITE 1201			MIAMI	FL 33131
BETHESDA SECURITIES, LLC BGC FINANCIAL L.P./BGC BROKERS L.P.	CORPORATE ACTIONS ALFREDO ARCHIBALD	7373 WISCONSIN AVE ASSISTANT VICE PRESIDENT	STE 2200 110 EAST 59TH STREET	7TH FLOOR	BETHESDA NEW YORK	MD 20814-3767 NY 10022
BGC FINANCIAL, L.P.	IALFREDO ARCHIBALD	VICE PRESIDENT	110 EAST 39TH STREET	7TH FLOOR 7TH FLOOR	NEW YORK	NY 10022 NY 10005 NY 10022
BLOOMBERG TRADEBOOK LLC	CORPORATE ACTIONS	731 LEXINGTON AVENUE	Harborside Plaza 10		NEW YORK	NY 10022
BMO Capital Markets Corp. BMO CAPITAL MARKETS CORP./PALOMA	Ronald Figueras JOHN FINERTY	3 Second St. 12th Floor 3 TIMES SQUARE	Harborside Plaza 10		Jersey City NEW YORK	NJ 07302 NY 10036
BMO HARRIS BANK NA	PHUTHORN PENIKETT	250 YONGE ST.	8TH FLOOR		TORONTO	ON M5B 2M8 CANADA
BMO HARRIS BANK NA	CORPORATE ACTIONS	IGOR LUKIC	111 E. KILBOURN AVENUE	SUITE 200	MILWAUKEE	WI 53202
BMO HARRIS BANK NA/DEALER	LENORA NEWELL ISSUER SERVICES	111 WEST MONROE 51 MERCEDES WAY			CHICAGO EDGEWOOD	IL 60690 NY 11717
		111 E KILBOURN AVENUE	SUITE 200		MILWAUKEE	WI 53202
BMO HARRIS BANK NA/M&I BANK IPA	CORPORATE ACTIONS				MILWAUKEE	
BMO HARRIS BANK NA/M&I BANK IPA BMO HARRIS BANK NA/M&I BANK IPA	JIM HILDEBRANDT	1000 NORTH WATER STREET			MILWAUREE	WI 53202
BMO HARRIS BANK NA/M&I BANK IPA BMO HARRIS BANK NA/M&I BANK IPA BMO Harris Bank Na/Trust	JIM HILDEBRANDT Issuer Services BMO NB FOLITY FINANCE CMULIKICOS	1000 NORTH WATER STREET	250 YONGE STREET	14TH FLOOR	Edgewood	NY 11717
BMO HARRIS BANK NAMBI BANK IPA BMO HARRIS BANK NAMBI BANK IPA BMO HARRIS BANK NAMBI BANK IPA BMO HARRIS BANK NATUST BMO MESRITT BUIENS INC./	JIM HILDEBRANDT Issuer Services BMO NB FOLITY FINANCE CMULIKICOS	1000 NORTH WATER STREET 51 Mercedes Way CORPORATE ACTIONS, PHUTHORN PENIKETT CORPORATE ACTIONS, PHUTHORN PENIKETT	250 YONGE STREET 250 YONGE STREET	14TH FLOOR 14TH FLOOR	Edgewood	NY 11717 ON M5B 2M8 CANADA
BMC HARRIS BANK NAMMA BANK IPA BMC HARRIS BANK NAMMA BANK IPA BMC HARRIS BANK NAMMA BANK IPA BMC HARRIS BANK NAMTHAB BMC HARRIS BANK NATTHAB BMC NESBRIT BURNS INC./	JIM HILDEBRANDT ISSUEF SERVICES BMO NE EQUITY FINANCE CMLUK/CDS BMO NE EQUITY FINANCE EMIRE/CDS ATTN: CORPORATE ACTIONS	1000 NORTH WATER STREET 51 Mercedes Way CORPORATE ACTIONS, PHUTHORN PENIKETT CORPORATE ACTIONS, PHUTHORN PENIKETT 250 YONGE STREET	250 YONGE STREET 250 YONGE STREET 14TH FLOOR	14TH FLOOR 14TH FLOOR	Edgewood TORONTO TORONTO TORONTO	NY 11717 ON M58 2M8 CANADA ON M58 2M8 CANADA ON M58 2M8 CANADA ON M58 2M8 CANADA
BMO HARRIS BANK NAMMI BANK IPA BMO HARRIS BANK NAMMI BANK IPA BMO HARRIS BANK NAMMI BANK IPA BMO HASBIRT HANT HANT THAT BMO NESBITT BURNIS INC./ BMO NESBITT BURNIS INC./ BMO NESBITT BURNIS INC./ BMO NESBITT BURNIS INC./ BMO NESBITT BURNIS INC./BMO NB EQUITY FINANCE BMO UK BRANCH/CDS BMO NESBITT BURNIS INC./BMO TRISTICOS	JIM HILDEBRANDT ISSUET SERVICES BMO NB EQUITY FINANCE CMLLIK/CDS BMO NB EQUITY FINANCE BMRE/CDS ATTN: CORPORATE ACTIONS ANDREA CONSTAND ANDREA CONSTAND	1000 NORTH WATER STREET 51 Mercaded Way CORPORATE ACTIONS, PHUTHORN PENIKETT CORPORATE ACTIONS, PHUTHORN PENIKETT 250 YONGE STREET 85 RICHMOND STREET WEST	250 YONGE STREET 250 YONGE STREET 14TH FLOOR	14TH FLOOR 14TH FLOOR	Edgewood	NY 11717 ON M5B 2M8 CANADA ON M5B 2M8 CANADA ON M5B 2M8 CANADA ON M5B 2M8 CANADA ON M5H 2C9 CANADA
BIJO HARRIS BANK NAMME BANK IPA BIN HARRIS BANK NAMME BANK IPA BIN HARRIS BANK NAMME BANK IPA BIN HARRIS BANK NAMT NAMB BIN HE SBITT BURNS INC.! BIN O NESBITT BURNS INC.! BIN	JIM HILDEBRANDT ISSUEF SERVICES BMO NE EQUITY FINANCE CMLUK/CDS BMO NE EQUITY FINANCE EMIRE/CDS ATTN: CORPORATE ACTIONS	1000 NORTH WATER STREET 51 Mercedes Way CORPORATE ACTIONS, PHUTHORN PENIKETT CORPORATE ACTIONS, PHUTHORN PENIKETT 250 YONGE STREET	250 YONGE STREET 14TH FLOOR	14TH FLOOR 14TH FLOOR PO BOX 150	Edgewood TORONTO TORONTO TORONTO	NY 11717 ON M58 2M8 CANADA ON M58 2M8 CANADA ON M58 2M8 CANADA ON M58 2M8 CANADA
BMO HARRIS BANK HAMMA BANK IPA BMO HASBITT BURNS ING./ BMO NESBITT BURNS ING./BMO TARSTICOS BMO NESBITT BURNS ING./BMO TARSTICOS BMO NESBITT BURNS ING./BMO TRUST CO BMO NESBITT BURNS ING./BMO TO TRUST CO	JIM HILDEBRANDT I ISSUM SENTINE SEMENT SEMEN	1000 NORTH WATER STREET 51 Mercades Way CORPORATE ACTIONS, PHUTHORN PENIKETT CORPORATE ACTIONS, PHUTHORN PENIKETT 260 YONGS STREET 88 RICHMOND STREET WEST 88 RICHMOND STREET WEST 10 LOUISET (DRANICEAU, PHUTHORN PENIKETT	250 YOMGE STREET 250 YOMGE STREET 11TH FLOOR 1 FIRST CANADIAN PLACE, 13TH FL 250 YOMGE STREET	14TH FLOOR	Edgewood TORONTO TORONTO TORONTO TORONTO TORONTO TORONTO TORONTO TORONTO TORONTO	NY 11717 ON MSB 2MB CANADA ON MSB 2MB CANADA ON MSB 2MB CANADA ON MSB 2MB CANADA ON MSH 2C9 CANADA ON MSH 2C9 CANADA ON MSX 1H3 CANADA ON MSX 1H3 CANADA
BMO NESBITT BURNS INC. BMO NESBITT BURNS INC.BMO NB EQUITY FINANCE BMO UK BRANCHICOS BMO NESBITT BURNS INC.BMO TRST/COS BMO NESBITT BURNS INC.BMO TRUST COS BMO NESBITT BURNS INC.BMO TRUST CO BMO NESBITT BURNS INC.COS** BMO NESBITT BURNS INC.COS**	JIM HILDEBRANDT I ISSUM SENTINE SEMENT SEMEN	1000 NORTH WATER STREET 51 Mercades Way CORPORATE ACTIONS, PHUTHORN PENIKETT CORPORATE ACTIONS, PHUTHORN PENIKETT 260 YONGS STREET 88 RICHMOND STREET WEST 88 RICHMOND STREET WEST 10 LOUISET (DRANICEAU, PHUTHORN PENIKETT	250 YONGE STREET 14TH FLOOR 1 FIRST CANADIAN PLACE, 13TH FL 250 YONGE STREET	14TH FLOOR PO BOX 150	Edgewood TORONTO TORONTO TORONTO TORONTO TORONTO TORONTO TORONTO TORONTO TORONTO	NY 11717 ON MSB 2MB CANADA ON MSB 2MB CANADA ON MSB 2MB CANADA ON MSB 2MB CANADA ON MSH 2C9 CANADA ON MSH 2C9 CANADA ON MSX 1H3 CANADA ON MSX 1H3 CANADA
BIMO HARRIS BANK NAMAI BANK IPA BIMO NESBITT BURNS INC./ BIMO NESBITT BURNS	JIM HILDEBRANDT I ISBURÍ SENIVIDES BIMO NIB EQUITY FINANCE CMLLIKICDS BIMO NIB EQUITY FINANCE CMLLIKICDS BIMO NIB EQUITY FINANCE BURREICOS ATTN: CORPORATE ACTIONS ANDREA CONSTAND ANDREA CONSTAND CORPORATE ACTIONS CORPORATE ACTION EDWARD COLLETON ATTN: CORPORATE ACTIONS RADMILA RADISA	1000 NORTH WATER STREET 51 Mercedsw Bay CORPORATE ACTIONS, PHUTHORN PENIKETT CORPORATE ACTIONS, PHUTHORN PENIKETT 250 YONGE STREET 88 RICHMOND STREET WEST 88 RICHMOND STREET WEST 88 RICHMOND STREET WEST 10.UUSE TORANGEAU, PHUTHORN PENIKETT PHUTHORN PENIKETT PHUTHORN PENIKETT 3 TIMES SQUARE 787 THI AVENUE 787 THI AVENUE	250 YONGE STREET 14TH FLOOR 1 FIRST CANADIAN PLACE, 13TH FL 250 YONGE STREET 29TH FLOOR 29TH FLOOR	14TH FLOOR PO BOX 150	Edgewood TORONTO NEW YORK NEW YORK NEW YORK	NY 11717 ON M88 248 CANADA ON M88 248 CANADA ON M88 248 CANADA ON M88 248 CANADA ON M84 259 CANADA ON M84 259 CANADA ON M84 259 CANADA ON M84 259 CANADA ON M85 1135 CANADA ON M97 10019
BIMO HARRIS BANK NAMAB BANK IPA BIMO NESBITT BURNS INC. BIMO NESBITT BURNS INC. BIMO NESBITT BURNS INC. BIMO NO BEOUTY FINANCE BIMO UK BRANCHICOS BIMO NESBITT BURNS INC. BIMO TRISTICOS BIMO NESBITT BURNS INC. BIMO TRISTICOS BIMO NESBITT BURNS INC. GIMO TRUST CO BIMO NESBITT BURNS INC. GOS** BIMO NESBITT BURNS INC. GOS** BIMO NESBITT BURNS INC. FOR STRUST CO BIMO NESBITT BURNS INC. TO SERVING INC. BURNS INC.	JIM HILDEBRANDT I ISSUM SENIOTY PINANCE CMULK/CDS BMO NB EQUITY FINANCE EMURE/CDS BMO NB EQUITY FINANCE EMIRE/CDS ATTN: CORPORATE ACTIONS ANDREA CONSTAND ANDREA CONSTAND CORPORATE ACTIONS CORPORATE ACTIONS EDWARD COLLETON LETON AND COLLETON ATTN: CORPORATE ACTIONS	1000 NORTH WATER STREET 51 Mercades Way CORPORATE ACTIONS, PHUTHORN PENIKETT CORPORATE ACTIONS, PHUTHORN PENIKETT 260 YONGS STREET 88 RICHMOND STREET WEST 88 RICHMOND STREET WEST 98 RICHMOND STREET WEST 18 RICHMOND STREET WEST 19 RICHMOND STREET WEST 10 RICHMOND STREET	250 YONGE STREET 14TH FLOOR 1 FIRST CANADIAN PLACE, 13TH FL 250 YONGE STREET	14TH FLOOR PO BOX 150	Edgewood	NY 11717 ON M59 248 CANADA ON M59 248 CANADA ON M59 248 CANADA ON M59 248 CANADA ON M54 1209 CANADA ON M54 1209 CANADA ON M54 113 CANADA ON M54 113 CANADA NY 10036 CANADA NY 10036 CANADA



Name	Attention	Address 1	Address 2	Address 3	City	State Zip	Country
BNP PARIBAS NY BRANCH/CUST/CLTASSTS BNP PARIBAS NY BRANCH/PARIS BONDS	RUSSELL YAP MATTHEW ROMANO	CORPORATE ACTIONS VICE PRESIDENT	Address 2 525 WASHINGTON BLVD 787 SEVENTH AVENUE	9TH FLOOR	JERSEY CITY NEW YORK	NJ 07310 NY 10019	
BNP PARIBAS NY BRH/MERLION/CLTASSTS	TINA HITCHINS	ONE MELLON BANK CENTER	4TH FLOOR- 151-0440		PITTSBURGH	PA 15258	
BNP PARIBAS PRIME BKGE INC/STK LEND BNP PARIBAS PRIME BRKAGE INC/ARBLAB	RONALD PERSAUD RONALD PERSAUD	525 WASHINGTON BLVD 525 WASHINGTON BLVD	9TH FLOOR 9TH FLOOR		JERSEY CITY JERSEY CITY	NJ 07310 NJ 07310	
RNP PARIBAS PRIME BROKERAGE INC	RONALD PERSAUD	525 WASHINGTON BI VD	9TH FLOOR		IERSEY CITY	NJ 07310 NJ 07310 NY 10019	
BNP PARIBAS SECURITIES CORP.	MATTHEW ROMANO RONALD PERSALID	787 7TH AVENUE	29TH FLOOR		NEW YORK	NY 10019 NJ 07310	
BNP PARIBAS SECURITIES CORP/PRIME S	RONALD PERSAUD	525 WASHINGTON BLVD	9TH FLOOR 9TH FLOOR		JERSEY CITY	NJ 07310	
BNP PARIBAS, NEW YORK BRANCH	META STRYKER CORPORATE ACTIONS	919 3RD AVE 4TH FL			NEW YORK	NY 10022	
BNP PARIBAS, NEW YORK BRANCH BNP PARIBAS, NEW YORK BRANCH/	CORPORATE ACTIONS MERLION/CLIENT ASSETS	787 7th Ave CORPORATE ACTIONS	787 7TH AVE		NEW YORK NEW YORK	NY 10019 NY 10019	
BNP PARIBAS, NEW YORK BRANCH/ Braibas, New York Branch/BNP Par BNP PARIBAS, NEW YORK BRANCH/I/PA	Ronald Persaud TINA HITCHINS	525 Washington Blvd ONE MELLON BANK CENTER	9th Floor 4TH FLOOR- 151-0440		Jersey City PITTSBURGH	NY 10019 NJ 07310 PA 15258	
BNP PARIBAS, NEW YORK BRANCH/IPA BNP PARIBAS, NEW YORK BRANCH/MARKETAXESS/CLIENT ASSETS	TINA HITCHINS ATTN: CORPORATE ACTIONS	ONE MELLON BANK CENTER 787 7TH AVENUE	4TH FLOOR- 151-0440 29TH FLOOR		PITTSBURGH NEW YORK	PA 15258 NY	
BNP PARIBAS, NY BRANCH/ BNPP SA	RUPERT KENNEDY	ANALYST	787 7TH AVENUE	8TH FLOOR	NEW YORK	NY 10019	
BNP PARIBAS, NY BRANCH/BNP P PRIME	BROKERAGE CUSTODIAN BROKERAGE INTERNATIONAL	RONALD PERSAUD RONALD PERSAUD	525 WASHINGTON BLVD 525 WASHINGTON BLVD	9TH FLOOR 9TH FLOOR	JERSEY CITY JERSEY CITY	NJ 07310 NJ 07310	
BNP PARIBAS, NY BRANCH/BNP PRIME BNP PARIBAS, NY BRANCH/BNPP SA BNP PARIBAS, NY BRANCH/LONDON ALM	RUPERT KENNEDY CORPORATE ACTIONS	ANALYST 787 7TH AVENUE	787 7TH AVENUE	8TH FLOOR	NEW YORK NEW YORK	NY 10019 NY 10019	
BNP PARIBAS, NY BRANCH/LONDON ALM BNY MELLON CAPITAL MARKETS, LLC	CORPORATE ACTIONS TINA HITCHINS	787 7TH AVENUE	4TH FLOOR- 151-0440		NEW YORK	NY 10019 PA 15258	
BNY MELLON CAPITAL MARKETS, LLC BNY MELLON WEALTH MANAGEMENT	OPERATIONS DEPT	ONE MELLON BANK CENTER BETH COYLE	TWO BNY MELLON CENTER	SUITE 1215	PITTSBURGH PITTSBURGH	PA 15258 PA 15222	
BNY MELLON WEALTH MANAGEMENT	CORPORATE ACTIONS	KEVIN KELLY	ONE WALL STREET		NEW YORK	NY 10005	
BNY MELLON/ANWORTH MORT ASSET CORP	DONNA STEINMAN	VICE PRESIDENT	11486 CORPORATE BLVD 11486 CORPORATE BLVD	SUITE 300 SUITE 300	ORLANDO ORLANDO	FL 32817 FL 32817	
BNY MELLON/ANWORTH MORTGAGE ASSETCO BNY MELLON/CAPSTEAD MORTGAGE CORP.	DONNA STEINMAN DONNA STEINMAN	VICE PRESIDENT VICE PRESIDENT	11486 CORPORATE BLVD	SUITE 300 SUITE 300	ORLANDO ORLANDO	FL 32817	
BNY MELLON/D.E. SHAW HELIANT CAP LLC BNY MELLON/HSBC BANK PLC	MICHAEL KANIA MICHAEL KANIA	525 WILLIAM PENN PLACE VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH	PA 15259 PA 15259	
BNY MELLON/JEFFERIES & CO.	DONNA STEINMAN	11486 CORPORATE BLVD			ORLANDO	FL 32817	
BNY MELLON/NGFP COLLATERAL	DONNA STEINMAN	ASSISTANT TREASURER	11486 CORPORATE BLVD	SUITE 300	ORLANDO	FL 32817	
BNY MELLON/NGFP MAIN BNY MELLON/NOMURA CAP MKTS PLC REPO	ASSISTANT TREASURER DONNA STEINMAN	11486 CORPORATE BLVD ASSISTANT TREASURER	SUITE 300 11486 CORPORATE BLVD	SUITE 300	ORLANDO ORLANDO	FL 32817 FL 32817	
BNY MELLON/NOMURA INT'L PLC REPO	JENNIFER MAY	ASSISTANT TREASURER	11486 CORPORATE BLVD	SUITE 300	ORLANDO	FL 32817	
BNY MELLON/RABOBANK INTERNATIONAL CASH EQUITY UTRECHT BNY MELLON/RABOBANK INTL CASH EQUITY AMSTERDAM	MICHAEL KANIA MICHAEL KANIA	ASSISTANT TREASURER ASSISTANT TREASURER	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH	PA 15259 PA 15259	•
BNY MELLON/RABOBANK INTL CASH EQUITY AMSTERDAM BNY MELLON/RABOBANK INTL EQUITY DERIVATIVES HONG KONG	MICHAEL KANIA MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259 PA 15259	
BNY MELLON/RABOBANK INTL FOLITY DERIVATIVES LONDON	MICHAEL KANIA	ASSISTANT TREASURER	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15250	
BNYM/HSBC US BNYM/UIT NSCC CNS CLEARANCE	MICHAEL KANIA CORP ACTION	VICE PRESIDENT 401 SOUTH SALINA STREET	525 WILLIAM PENN PLACE 2ND FLOOR		PITTSBURGH SYRACUSE	PA 15259 NY 13202	
BNYMELLON	RE BARCLAYS BANK IRELAND TREASURY ACCT	CORPORATE ACTIONS	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259	
BNYMELLON/(AG) DESHAW OCULUS PORT LLC.PLGCOLL AC BNYMELLON/AC NOMURA PB NOM LTD RE: GLG EMGMKTS	CORP ACTION CORP ACTION	401 SOUTH SALINA STREET ASSISTANT TREASURER	2ND FLOOR	2ND FLOOR	SYRACUSE SYRACUSE	NY 13202	•
BNYMELLON/AIG	CORP ACTION	401 SOUTH SALINA STREET	401 SOUTH SALINA STREET 2ND FLOOR	2ND FLOOR	SYRACUSE	NY 13202 NY 13202	
BNYMELLON/AL CONDUIT BNYMELLON/BARCLAYS BANK DELAWARE	CORP ACTIONS CORP ACTIONS	401 SOUTH SALINA STREET ASSISTANT TREASURER	2ND FLOOR 401 SOUTH SALINA STREET		SYRACUSE SYRACUSE	NY 13202 NY 13202	
DNIVMELLON/DADCLAVS DANK DLC	CORP ACTIONS MICHAEL KANIA	ASSISTANT TREASURER 525 WILLIAM PENN PLACE	401 SOUTH SALINA STREET RM 0400	2ND FLOOR	SYRACUSE PITTSBURGH	NY 13202 PA 15259	
BNYMELLON/BARCLAYS BANK PLC RE US SHARES	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE	RM 0400	PITTSBURGH	PA 15259	
BNYMELLON/BARCLAYS BANK PLC RE: BCTL SARL BNYMELLON/BARCLAYS CAP SEC LTD PB SEG 1	MICHAEL KANIA	VICE PRESIDENT VICE PRESIDENT	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE	RM 0400 RM 0400	PITTSBURGH PITTSBURGH	PA 15259 PA 15259	
BNYMELLON/BARCLAYS CAP SEC LTD PB SEG 1 BNYMELLON/BARCLAYS CAP SEC LTD PB SEG 2	MICHAEL KANIA MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE	RM 0400	PITTSBURGH	PA 15259 PA 15259	
BNYMELLON/BARCLAYS CAP SEC LTD PB SEG 2 BNYMELLON/BARCLAYS CAPITAL INC.	MICHAEL KANIA	525 WILLIAM PENN PLACE	RM 0400		PITTSBURGH	PA 15259 PA 15259	
BNYMELLON/BARCLAYS GROUP US BNYMELLON/BARCLAYS US LP	CORP ACTIONS CORP ACTIONS	ASSISTANT TREASURER ASSISTANT TREASURER	401 SOUTH SALINA STREET 401 SOUTH SALINA STREET	2ND FLOOR 2ND FLOOR	SYRACUSE SYRACUSE	NY 13202 NY 13202	
BNYMELLON/BBPLC A/C PB CANADA PPIB CLIENT	CORP ACTIONS	525 WILLIAM PENN PLACE	NOT SOUTH SALINA STREET	ZNDTEOOK	PITTSBURGH	PA 15259	
BNYMELLON/BBPLC CLIENT SEG SG SCM EQ TLR LTD	CORP ACTIONS	525 WILLIAM PENN PLACE	DM 0400		PITTSBURGH	PA 15259	
BNYMELLON/BBPLC FIRM LRCM REPO BNYMELLON/BBPLC PB CANADIAN CLIENTS	MICHAEL KANIA CORP ACTIONS	525 WILLIAM PENN PLACE 401 SOUTH SALINA STREET	RM 0400 2ND FLOOR		PITTSBURGH SYRACUSE	PA 15259 NY 13202	
BNYMELLON/BBPLC PB CAYMEN CLIENTS	CORP ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PA 15259	
BNYMELLON/BBPLC PB UK CLIENTS BNYMELLON/BGC BROKERS LP	CORP ACTIONS CORP ACTIONS	525 WILLIAM PENN PLACE VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH	PA 15259 PA 15259	
BNYMELLON/BNP PARIBAS TRI-PARTY ACCOUNT	CORP ACTIONS	525 WILLIAM PENN PLAZA	OLO VILLEGUI LINT LINT LINE		PITTSBURGH	PA 15259	
BNYMELLON/BNY MELLON DUBLIN SA/NV	CORP ACTIONS	525 WILLIAM PENN PLACE	DM 0400		PITTSBURGH	PA 15259	
BNYMELLON/BNYM FIRM SECURED FINANCE BNYMELLON/BNYMIB RE BNYMMIL RE FIRM	MICHAEL KANIA CORP ACTIONS	525 WILLIAM PENN PLACE ASSISTANT TREASURER	RM 0400 401 SOUTH SALINA STREET	2ND FLOOR	PITTSBURGH SYRACUSE	PA 15259 NY 13202 PA 15259	
BNYMELLON/CACEIS BANK	CORP ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PA 15259	
BNYMELLON/CACEIS BANK DEUTSCHLAND GMBH RE.CLIENT BNYMELLON/CACEIS BANK LUXEMBOURG	CORP ACTIONS CORP ACTIONS	VICE PRESIDENT 525 WILLIAM PENN PLACE	401 SOUTH SALINA STREET	2ND FLOOR	PITTSBURGH	NY 13202 PA 15259	
BNYMELLON/CACEIS BANK LUXEMBOURG	MITCHEL SOBEL	CORPORATE ACTIONS	401 SOUTH SALINA STREET	2ND FLOOR	SYRACUSE	NY 13202	
BNYMELLON/CANTOR FITZGERALD, EUROPE BNYMELLON/CBD RE BEADER AG	CORP ACTIONS CORP ACTIONS	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE			PITTSBURGH PITTSBURGH	PA 15259 PA 15259	
BNYMELLON/CBD RE STEUBING AG	CORP ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PA 15259	
BNYMELLON/CFD RE EQUINET AG	CORP ACTIONS CORP ACTIONS	525 WILLIAM PENN PLACE ASSISTANT TREASURER	401 SOUTH SALINA STREET		PITTSBURGH SYRACUSE	PA 15259 NY 13202	
BNYMELLON/CITIGROUP GLOBAL MARKETS LIMITED BNYMELLON/DE SHAW & CO.	CORP ACTIONS	VICE PRESIDENT	401 SOUTH SALINA STREET 401 SOUTH SALINA STREET	2ND FLOOR 2ND FLOOR	SYRACUSE	NY 13202	
BNYMELLON/DE SHAW US BR MRK CO AL EXPORT LLC BNYMELLON/DE SHAW US L CAP C ALP EX PORT LLC	ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS	401 SOUTH SALINA STREET	2ND FLOOR		SYRACUSE	NY 13202	
BNYMELLON/DE SHAW US L CAP C ALP EX PORT LLC BNYMELLON/DEDICATED PARTICIPANT #29	ATTN: CORPORATE ACTIONS MICHAEL KANIA	401 SOUTH SALINA STREET VICE PRESIDENT	2ND FLOOR 525 WILLIAM PENN PLACE		SYRACUSE PITTSBURGH	NY 13202 NY 13202 PA 15259	
NYMELLON/DEDICATED PARTICIPANT #32	CORP ACTIONS	401 SOUTH SALINA STREET	2ND FLOOR		SYRACUSE	NY 13202	
SNYMELLON/DEDICATED PARTICIPANT #33	CORP ACTIONS CORP ACTIONS	401 SOUTH SALINA STREET 401 SOUTH SALINA STREET	2ND FLOOR		SYRACUSE SYRACUSE	NY 13202 NY 13202	·
NYMELLON/DEDICATED PARTICIPANT #34 NYMELLON/DEDICATED PARTICIPANT #35		401 SOUTH SALINA STREET	2ND FLOOR 2ND FLOOR		SYRACUSE	NY 13202	
INYMELLON/DEDICATED PARTICIPANT #35 INYMELLON/DEDICATED PARTICIPANT #36 INYMEILON/DEDICATED PARTICIPANT #37	CORP ACTIONS CORP ACTIONS CORP ACTIONS	401 SOUTH SALINA STREET 401 SOUTH SALINA STREET	2ND FLOOR 2ND FLOOR		SYRACUSE SYRACUSE	NY 13202 NY 13202	
BNYMELLON/DEDICATED PARTICIPANT #37 BNYMELLON/DEDICATED PARTICIPANT #38	CORP ACTIONS	401 SOUTH SALINA STREET	2ND FLOOR 2ND FLOOR		SYRACUSE SYRACUSE	NY 13202 NY 13202	
BNYMELLON/DEDICATED PARTICIPANT #39	CORP ACTIONS	401 SOUTH SALINA STREET	2ND FLOOR		SYRACUSE	NY 13202	
NYMELLON/DEDICATED PARTICIPANT #40 NYMELLON/DEDICATED PARTICIPANT #41	CORP ACTIONS CORP ACTIONS	401 SOUTH SALINA STREET 401 SOUTH SALINA STREET	2ND FLOOR 2ND FLOOR		SYRACUSE SYRACUSE	NY 13202 NY 13202	
INYMELLON/DEDICATED PARTICIPANT #41 SNYMELLON/DEDICATED PARTICIPANT #42 SNYMELLON/DEDICATED PARTICIPANT #43	CORP ACTIONS CORP ACTIONS CORP ACTIONS	401 SOUTH SALINA STREET 401 SOUTH SALINA STREET 401 SOUTH SALINA STREET	2ND FLOOR 2ND FLOOR 2ND FLOOR		SYRACUSE SYRACUSE SYRACUSE	NY 13202 NY 13202 NY 13202	
NYMELLON/DEDICATED PARTICIPANT #43 NYMELLON/DEDICATED PARTICIPANT #44	CORP ACTIONS CORP ACTIONS	401 SOUTH SALINA STREET 401 SOUTH SALINA STREET	2ND FLOOR 2ND FLOOR		SYRACUSE SYRACUSE	NY 13202 NY 13202	
NYMELLON/DEDICATED PARTICIPANT #44 NYMELLON/DEDICATED PARTICIPANT #45	CORP ACTIONS CORP ACTIONS	401 SOUTH SALINA STREET 401 SOUTH SALINA STREET	2ND FLOOR 2ND FLOOR		SYRACUSE SYRACUSE	NY 13202 NY 13202	
NYMELLON/DEDICATED PARTICIPANT #46	CORPORATE ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PA 15259	
NYMELLON/DEDICATED PARTICIPANT #47	CORPORATE ACTIONS CORPORATE ACTIONS	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE			PITTSBURGH PITTSBURGH	PA 15259 PA 15259	
BNYMELLON/DEDICATED PARTICIPANT #48 BNYMELLON/DEDICATED PARTICIPANT #49	ATTN: CORPORATE ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PA 15259 PA 15259	
BNYMELLON/DEDICATED PARTICIPANT #50	ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PA 15259	
BNYMELLON/DEDICATED PARTICIPANT #\$1 BNYMELLON/DEDICATED PARTICIPANT #\$2	ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE			PITTSBURGH PITTSBURGH	PA 15259 PA 15259	
BNYMELLON/DEDICATED PARTICIPANT #53	ATTN: CORPORATE ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PA 15259	
NYMELLON/DEDICATED PARTICIPANT #59 NYMELLON/DEDICATED PARTICIPANT #63	CORPORATE ACTIONS CORPORATE ACTIONS	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE			PITTSBURGH	PA 15259 PA 15259	
BNYMELLON/DEDICATED PARTICIPANT #64	CORPORATE ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PA 15259	
NYMELLON/DEDICATED PARTICIPANT #65	CORPORATE ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PA 15259	
NYMELLON/DEDICATED PARTICIPANT #66 NYMELLON/DEDICATED PARTICIPANT #67	CORPORATE ACTIONS CORPORATE ACTIONS	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE			PITTSBURGH PITTSBURGH	PA 15259 PA 15259	
NYMELLON/DEDICATED PARTICIPANT #68	CORPORATE ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PA 15259	
NYMELLON/DEUTSCHE BANK AG LDN RE DBAUSTRALIA NYMELLON/DEXIA CREDIT LOCAL PARIS	MICHAEL KANIA CORP ACTIONS	VICE PRESIDENT VICE PRESIDENT	525 WILLIAM PENN PLACE 401 SOUTH SALINA STREET	2ND FLOOR	PITTSBURGH SYRACUSE	PA 15259 NY 13202 NY 13202	
ATTIMETED TO DELOTE ONE DITTE OF THE PARTY O			MOT DOOTTO ALINA OTREET		UTIVACUSE	13202	
BNYMELLON/DR CUSTODY ACCOUNT BNYMELLON/ECRE MAIN CAYMAN HOLDINGS LTD	CORP ACTIONS ATTN: CORPORATE ACTIONS	ASSISTANT TREASURER 525 WILLIAM PENN PLACE	401 SOUTH SALINA STREET	2ND FLOOR	SYRACUSE PITTSBURGH	NY 13202 PA 15219	



None					1 014	
Name BNYMELLON/EF CORPORATE HOLDINGS LLC	CORP ACTIONS Attention	Address 1 401 SOUTH SALINA STREET	Address 2 2ND FLOOR	Address 3	SYRACUSE	State Zip Country NY 13202 NY 10005
BNYMELLON/ELLINGTON FINANCIAL REIT QLH LLC BNYMELLON/ELLINGTON MGMT GRP OMNIBUS/EMG ADVISED ACTS	ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS	ONE WALL STREET ONE WALL STREET			NEW YORK NEW YORK	NY 10005 NY 10005
BNYMELLON/ENCTON MIGHT GRP OMNIBUS/EMG ADVISED ACTS BNYMELLON/EMR CAYMAN HOLDINGS LTD	ATTN: CORPORATE ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PA 15219
BNYMELLON/EXODUSPOINT CAPITAL	ATTN: CORPORATE ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PΔ 15210
BNYMELLON/EXODUSPOINT CAPITAL BNYMELLON/FIRM ITC-INVESTMENT DEALER BNYMELLON/FIRM SECURITIES FINANCE	THOMAS KOENIG MICHAEL KANIA	ONE WALL STREET VICE PRESIDENT	525 WILLIAM PENN PLACE	RM 0400	NEW YORK PITTSBURGH	NY 10015 PA 15259
BNYMELLON/GFI SECURITIES LTD	MICHAEL KANIA	525 WILLIAM PENN PLACE	RM 0400		PITTSBURGH	PA 15259
BNYMELLON/GLOBAL PRIME PARTNERS BNYMELLON/GOV & CO BANK OF ENGLAND	CORP ACTIONS MICHAEL KANIA	VICE PRESIDENT 525 WILLIAM PENN PLACE	401 SOUTH SALINA STREET RM 0400	2ND FLOOR	SYRACUSE PITTSBURGH	NY 13202 PA 15259
BNYMELLON/HSBC BANK PLC A/C IB EQUITY FINANCE NT	MICHAEL KANIA	525 WILLIAM PENN PLACE	RM 0400		PITTSBURGH	PA 15259
BNYMELLON/HSBC BANK PLC EQD USBR	MICHAEL KANIA MICHAEL KANIA	VICE PRESIDENT VICE PRESIDENT	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE	RM 0400 RM 0400	PITTSBURGH	PA 15259
BNYMELLON/HSBC BANK PLC PARIS BRANCH BNYMELLON/HYMF INC. FIRM EQUITIES DTC BOX	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE	RM 0400	PITTSBURGH PITTSBURGH	PA 15259 PA 15259
BNYMELLON/ICAP LONDON BNYMELLON/IRELAND	CORP ACTIONS CORP ACTIONS	VICE PRESIDENT VICE PRESIDENT	401 SOUTH SALINA STREET 401 SOUTH SALINA STREET	2ND FLOOR 2ND FLOOR	SYRACUSE SYRACUSE	NY 13202 NY 13202
BNYMELLON/JW GIDDENS TRUSTEE LIQ LEHMAN BROS	CORP ACTIONS	VICE PRESIDENT VICE PRESIDENT	401 SOUTH SALINA STREET	2ND FLOOR 2ND FLOOR	SYRACUSE	NY 13202 NY 13202
BNYMELLON/KBC BANK N.V.	ATTN: CORPORATE ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PΔ 15210
BNYMELLON/LBBW NY CUSTODY BNYMELLON/LBBW NY PRIMARY ACCOUNT	MICHAEL KANIA MICHAEL KANIA	ASSISTANT TREASURER ASSISTANT TREASURER	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH PITTSBURGH	PA 15259 PA 15259
BNYMELLON/LLOYDS TSB BANK PLC CLR RE ARTEMIS	CORP ACTIONS	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259
BNYMELLON/MIZUHO INTERNATIONAL BNYMELLON/MONTAGUE PLACE CUSTODY SERVICES	MICHAEL KANIA MICHAEL KANIA	525 WILLIAM PENN PLACE VICE PRESIDENT	RM 0400 525 WILLIAM PENN PLACE	RM 0400	PITTSBURGH PITTSBURGH	PA 15259 PA 15259
BNYMELLON/MS INTERNATIONAL	MICHAEL KANIA	525 WILLIAM PENN PLACE		TWI 0400		DA 45050
BNYMELLON/NA-BANK CUSTODY BNYMELLON/NATIONAL BANK OF AUSTRALIA	MICHAEL KANIA CORP ACTIONS	525 WILLIAM PENN PLACE VICE PRESIDENT	RM 0400 401 SOUTH SALINA STREET	2ND FLOOR	PITTSBURGH SYRACUSE	PA 15259 NY 13202
BNYMELLON/NATIXIS	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE	2ND FLOOR	PITTSBURGH	PA 15259
BNYMELLON/NATIXIS FIXED INCOME	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH	PA 15259
BNYMELLON/NOMURA CL SETT NOM LTD BNYMELLON/NOMURA CNS NOM RE: TFS DER	MICHAEL KANIA MICHAEL KANIA	VICE PRESIDENT VICE PRESIDENT	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE	RM 0400	PITTSBURGH	PA 15259 PA 15259
BNYMELLON/NOMURA FINANCIAL PRODUCTS EUROPE GMBH BNYMELLON/NOMURA GLOBAL FINANCIAL PRODUCTS EUROPE GMBH	ATTN: CORPORATE ACTIONS MICHAEL KANIA	11486 CORPORATE BLVD VICE PRESIDENT	SUITE 300 525 WILLAIM PENN PLACE		UNION PARK PITTSBURGH	FL 32817 PA 15259
BNYMELLON/NOMURA GLOBAL FINANCIAL PRODUCTSINC COLLATERAL ACCOUNT BNYMELLON/NOMURA GLOBAL FINANCIAL PRODUCTSINC MAIN ACCOUNT	MICHAEL KANIA MICHAEL KANIA	VICE PRESIDENT VICE PRESIDENT	525 WILLAIM PENN PLACE 525 WILLIAM PENN PLACE	RM 0400 RM 0400	PITTSBURGH PITTSBURGH	PA 15259 PA 15259
BNYMELLON/NOMURA NCSN RE AKJ	CORP ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PA 15259
BNYMELLON/NOMURA PB NOMINEES LTD	MICHAEL KANIA	525 WILLIAM PENN PLACE VICE PRESIDENT	RM 0400	OND ELOOP	PITTSBURGH	PA 15259 NY 13202
BNYMELLON/OZ DOMESTIC PARTNERS II, L.P. BNYMELLON/OZ DOMESTIC PARTNERS,L.P.	CORP ACTIONS CORP ACTIONS	VICE PRESIDENT VICE PRESIDENT	401 SOUTH SALINA STREET 401 SOUTH SALINA STREET	2ND FLOOR 2ND FLOOR	SYRACUSE SYRACUSE	NY 13202
BNYMELLON/PUBLIC EMPLOYEES RETIREMENT SYSTEM OF OHIO	ATTN: CORPORATE ACTIONS MICHAEL KANIA	525 WILLIAM PENN PLACE			PITTSBURGH PITTSBURGH	PA 15219 PA 15259
BNYMELLON/RABOBANK INTERNATIONAL UNEF BNYMELLON/RABOBANK INT'L UTRECHT EQUITY FIN	MICHAEL KANIA MICHAEL KANIA	525 WILLIAM PENN PLACE VICE PRESIDENT	525 WILLIAM PENN PLACE	RM 0400	PITTSBURGH	PA 15259
BNYMELLON/RABOBANK LONDONBRANCH FIXED INCOME	CORP ACTIONS	401 SOUTH SALINA STREET	2ND FLOOR		SYRACUSE	NY 13202
BNYMELLON/RABOBANK UTRECHT FIXED INCOME BNYMELLON/RE ALLSTATE MARK TO MARKET	MICHAEL KANIA JENNIFER MAY	VICE PRESIDENT 525 WILLIAM PENN PLACE	525 WILLIAM PENN PLACE	RM 0400	PITTSBURGH PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE ANCHORAGE CAPITAL	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH	PA 15259 PA 15259 PA 15259
BNYMELLON/RE ANZ MELBOURNE BNYMELLON/RE ARBEJDSMARKEDETS TILLAEGSPENSION	CORPORATE ACTIONS ATTN: CORPORATE ACTIONS	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE			PITTSBURGH PITTSBURGH	PA 15259
BNYMELLON/RE ARBEJDSMARKEDE IS TILLAEGSPENSION BNYMELLON/RE BANCO SANTANDER SLB	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE BARCLAYS (BGIS)	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259
BNYMELLON/RE BARCLAYS BANK DELAWARE BNYMELLON/RE BARCLAYS BANK DELAWARE	ATTN: CORPORATE ACTIONS	401 SOUTH SALINA STREET			SYRACUSE	NY 13202 PA 15259 PA 15259
BNYMELLON/RE BARCLAYS BANK IRELAND BNYMELLON/RE BARCLAYS BANK IRELAND PLC F	CORPORATE ACTIONS CORPORATE ACTIONS	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE			PITTSBURGH PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE BARCLAYS BK PLC-BARC LU	MICHAEL KANIA	VICE PRESIDENT VICE PRESIDENT	525 WILLIAM PENN PLACE	RM 0400	PITTSBURGH	PA 15259
BNYMELLON/RE BARCLAYS CAP SEC LTD PB BNYMELLON/RE BARCLAYS CAPITAL SECURI	MICHAEL KANIA JENNIFER MAY	VICE PRESIDENT	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE	RM 0400	PITTSBURGH PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE BB RE FIRM	MICHAEL KANIA	525 WILLIAM PENN PLACE	RM 0400		PITTSBURGH	PA 15250
BNYMELLON/RE BCSL PB SEG AC 5 BNYMELLON/RE BGC BROKERS LP	ATTN: CORPORATE ACTIONS JENNIFER MAY	525 WILLIAM PENN PLACE VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH	PA 15259 PA 15259 PA 15259
BNYMELLON/RE BNP PARIBAS TRI-PARTY A	JENNIFER MAY	525 WILLIAM PENN PLAZA	323 WILLIAM FEMILE FEAGE		PITTSBURGH	PA 15259
BNYMELLON/RE BNYMLB RE FIRM BNYMELLON/RE BNYMLB RE FIRM SE	CORP ACTIONS CORP ACTIONS	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE			PITTSBURGH	PA 15259
BNYMELLON/RE BNYMLUXSA RE FIRM BNYMELLON/RE BNYMLUXSA RE FIRM	CORP ACTIONS	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE			PITTSBURGH PITTSBURGH	PA 15259 PA 15259 PA 15259
BNYMELLON/RE BNYMSANV RE FIRM	JENNIFER MAY	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259
BNYMELLON/RE BNYMSANV RE FIRM EM BNYMELLON/RE BNYMSANVAMS RE FIRM LAB	CORP ACTIONS MICHAEL KANIA	VICE PRESIDENT VICE PRESIDENT	401 SOUTH SALINA STREET 525 WILLIAM PENN PLACE	2ND FLOOR	SYRACUSE PITTSBURGH	NY 13202 PA 15259
BNYMELLON/RE BNYMSANVFFT RE FIRM	CORP ACTIONS	525 WILLIAM PENN PLACE	OLO WILLDAM I LIMIT DIOC		PITTSBURGH	PA 15259
BNYMELLON/RE BNYMSANVLB RE FIRM BNYMELLON/RE BOA NA	CORP ACTIONS JENNIFER MAY	525 WILLIAM PENN PLACE VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE BOA NA BNYMELLON/RE BOA SECURITIES LTD.	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE CACEIS BANK DELITSCHLAND	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH	PA 15259 PA 15259 PA 15259
BNYMELLON/RE CACEIS BANK, NETHERLANDS Bnymellon/Re Charles Stanley and Com	ATTN: CORPORATE ACTIONS Michael Kania	525 WILLIAM PENN PLACE Vice President	525 William Penn Place		PITTSBURGH Pittsburgh	PA 15259 PA 15259
BNYMELLON/RE CITADEL GLOBAL FIXED INCOME MASTER FUND	ATTN: CORPORATE ACTIONS	525 WILLIAM PENN PLACE	many reconstruction of the second		Pittsburgh PITTSBURGH	PA 15259
BNYMELLON/RE D E SHAW HELIANT CAPITA BNYMELLON/RE D.E. SHAW KALON PORTFOL	MICHAEL KANIA JENNIFER MAY	525 WILLIAM PENN PLACE VICE PRESIDENT	401 SOUTH SALINA STREET	2ND FLOOR	PITTSBURGH SYRACUSE	PA 15259 NY 13202
BNYMELLON/RE D.E. SHAW KALON PORTFOL BNYMELLON/RE DAVY SECURITIES LIMITED BNYMELLON/RE DB AG LON PB POLGON GL	JENNIFER MAY MICHAEL KANIA JENNIFER MAY	VICE PRESIDENT 525 WILLIAM PENN PLACE	525 WILLIAM PENN PLACE	END / LOOK	PITTSBURGH PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE DB AG LON PB POLGON GL BNYMELLON/RE DBAG PB UCITS CLIENTS	JENNIFER MAY MICHAEL KANIA	525 WILLIAM PENN PLACE VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE DBLPB-CENTAURUS PROXIMA	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE	+	PITTSBURGH	PA 15259
BNYMELLON/RE DBLPB-DBX RISK ARBITAGE	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259
BNYMELLON/RE DBLPB-DBX-ASIAN L/S EQU BNYMELLON/RE DBTC AMERICAS/DELITSCHE	MICHAEL KANIA MICHAEL KANIA	VICE PRESIDENT ASSISTANT VICE PRESIDENT	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE DBTC AMERICAS/DEUTSCHE BNYMELLON/RE DBTC AMERICAS/DEUTSCHE BNYMELLON/RE DBTC/DEUTSCHE BK LONDON	MICHAEL KANIA MICHAEL KANIA	IVICE PRESIDENT	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE DBTCA/DB AG LDN B CHEYN BNYMELLON/RE DBTCA/DB AG LDN PB CHEY	JENNIFER MAY IFNNIFER MAY	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE			PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE DBTCA/DB AG LDN PB CHEY BNYMELLON/RE DBTCA/DB AG LDN PB MULT BNYMELLON/RE DBTCA/DB AG LDN PB-DEUT	DONNA STEINMAN	JENNIFER MAY	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259
BNYMELLON/RE DBTCA/DB AG LDN PB-DEUT	DONNA STEINMAN	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE DBTCA-DB AG LDN PB - CL BNYMELLON/RE DE SHAW & CO.	JENNIFER MAY JENNIFER MAY	VICE PRESIDENT VICE PRESIDENT	525 WILLIAM PENN PLACE 401 SOUTH SALINA STREET	2ND FLOOR	PITTSBURGH SYRACUSE	PA 15259 NY 13202
BNYMELLON/RE DEPOSITORY RECEIPT SERV	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	NY 13202 PA 15259
BNYMELLON/RE DEUTSCHE BANK AG FRANKF BNYMELLON/RE DEUTSCHE BANK AG LONDON	MICHAEL KANIA MICHAEL KANIA	VICE PRESIDENT VICE PRESIDENT	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE DR CUSTODY ACCOUNT	JENNIFER MAY	ASSISTANT TREASURER	401 SOUTH SALINA STREET	2ND FLOOR	SYRACUSE	NY 13202
BNYMELLON/RE ELLINGTON MRTG RECOVERY MASTER F LP	ATTN: CORPORATE ACTIONS	ONE WALL STREET			NEW YORK	NY 10286
BNYMELLON/RE ELLINGTON QUANT MACRO MSTR FD LTD BNYMEION/RE ETf - Ishares Dtc/Nscc BNYMELLON/RE ETF - UIT DTC/NSCC 0963	ATTN: CORPORATE ACTIONS Attn: Corporate Actions	ONE WALL STREET 525 William Penn Place	+		NEW YORK Pittsburgh	NY 10286 PA 15219
		VICE PRESIDENT	525 WILLIAM PENN PLACE		Pittsburgh PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE ETF - UIT DTC/NSCC 0963	Attr: Corporate Actions JENNIFER MAY		RM 0400	1	PITTSBURGH	PA 15259
BNYMELLON/RE FFT RE FIRM	MICHAEL KANIA	525 WILLIAM PENN PLACE	KW 0400		DITTEDLIDGU	
BNYMELLON/RE FFT RE FIRM BNYMELLON/RE FIRM BRPT ASSETS BNYMELLON/RE FIRM HOLDING CO	MICHAEL KANIA CORP ACTIONS CORP ACTIONS				PITTSBURGH PITTSBURGH	PA 15259 PA 15259
BNYMELLON/RE FFT RE FIRM BNYMELLON/RE FIRM BRPT ASSETS BNYMELLON/RE FIRM HOLDING CO	MICHAEL KANIA CORP ACTIONS CORP ACTIONS JENNIFER MAY	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE VICE PRESIDENT			DITTEDLIDGU	DA 16360
BRYMELLONRE FFT RE FIRM BRYMELLONRE FIRM BRPT ASSETS BRYMELLONRE FIRM HOLDING CO. BRYMELLONRE FIRM HVESTMENT ACCOUNT BRYMELLONRE FIRM BRYESTMENT PORTFOL	MICHAEL KANIA CORP ACTIONS CORP ACTIONS JENNIFER MAY MICHAEL KANIA	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE VICE PRESIDENT VICE PRESIDENT	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH PITTSBURGH	PA 15259 PA 15259 PA 15259
BRYMELLONRE FFT RE FIRM BRYMELLONRE FFT RE FIRM BRYMELLONRE FIRM HOLDING CO. BYMELLONRE FIRM MYSS MEN P. CO.O.O.UNT BYMELLONRE FIRM MYSS MEN P. FORFFOL BRYMELLONRE FIRM MYSS MENT PORTFOLIO BRYMELLONRE FIRM FIRSTMENT PORTFOLIO BRYMELLONRE FIRM MYSS MENT PORTFOLIO	MIGHAEL KANIA CORP ACTIONS CORP ACTIONS CORP ACTIONS LENNIFER MAY MIGHAEL KANIA ATTH: CORPORATE ACTIONS	SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT SSS WILLIAM PENN PLACE			PITTSBURGH PITTSBURGH PITTSBURGH PITTSBURGH PITTSBURGH	PA 15259 PA 15259 PA 15259 PA 15259 PA 15259 PA 15259
BAYMELLONE FFT RE FIRM BAYMELLONE FRIM SPET ASSETS BAYMELLONE FRIM HOLDING CO. BAYMELLONE FRIM NESTMENT ACCOUNT BAYMELLONE FRIM NESTMENT FORTFOL BAYMELLONE FRIM NESTMENT PORTFOL BAYMELLONE FRIM NESTMENT PORTFOLO BAYMELLONE FRIM NESTMENT PORTFOLO BAYMELLONE FRIM NESTMENT BOTTOLO BAYMELLONE BOTTOLO BAYMEL	MIGHAEL KANIA CORP ACTIONS CORP ACTIONS CORP ACTIONS LENNIFER MAY MIGHAEL KANIA ATTH: CORPORATE ACTIONS	SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH PITTSBURGH PITTSBURGH PITTSBURGH PITTSBURGH PITTSBURGH	PA 15259
BRYMELLONRE FFT RE FIRM BRYMELLONRE FFR MEPT ASSETS BRYMELLONRE FRIM HYDLONG CO. BRYMELLONRE FRIM HYDLONG CO. BRYMELLONRE FRIM WESTMENT ACCOUNT BRYMELLONRE FRIM WESTMENT PORTFOLI BRYMELLONRE FRIM WESTMENT PORTFOLI BRYMELLONRE FRIM WESTMENT PORTFOLIO BRYMELLONRE FRIM WESTMENT PORTFOLIO BRYMELLONRE FRIM WESTMENT PORTFOLIO BRYMELLONRE FRIM WESTMENT FORTFOLIO BRYMELLONRE FRIM ASSET A	MOCHAEL KANIA COOPP ACTIONS CORP ACTIONS CORP ACTIONS LENNIFER MAY MOCHAEL KANIA ATTIL CORPORATE ACTIONS ACTIVE CORPORATE ACTIONS ACTIVE CORPORATE ACTIONS	SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE	RM 0400	PITTSBURGH PITTSBURGH PITTSBURGH PITTSBURGH PITTSBURGH PITTSBURGH PITTSBURGH	PA 15259
BAYMELLONRE FFT RE FIRM BAYMELLONRE FFR MEPT ASSETS BAYMELLONRE FRIM HYDLONG CO. BAYMELLONRE FRIM HYDLONG CO. BAYMELLONRE FRIM WESTMENT ACCOUNT BAYMELLONRE FRIM WESTMENT PORTFOLI BAYMELLONRE FRIM WESTMENT PORTFOLI BAYMELLONRE FRIM WESTMENT PORTFOLIO BAYMELLONRE FRIM WESTMENT PORTFOLIO BAYMELLONRE FRIM WESTMENT PORTFOLIO BAYMELLONRE FRIM MELAN BAYMELLONRE FRIM SECURITES FRIMANCE BAYMELLONRE FRIM SECURITES FRIMANCE BAYMELLONRE FRIM SECURITES FRIMANCE BAYMELLONRE FRIM SECURITES FRIMANCE	MOCHAEL KANIA COOPP ACTIONS CORP ACTIONS CORP ACTIONS LENNIFER MAY MOCHAEL KANIA ATTN. CORPORTE ACTIONS ATTN. CORPORTE ACTIONS ATTN. CORPORTE ACTIONS MOCHAEL KANIA MOCHAEL KANIA CORPORTE ACTIONS MOCHAEL KANIA CORP ACTIONS	SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE VICE PRESIDENT VICE PRESIDENT SSS WILLIAM PENN PLACE VICE PRESIDENT SSS WILLIAM PENN PLACE VICE PRESIDENT SSS WILLIAM PENN PLACE	525 WILLIAM PENN PLACE	RM 0400	PITTSBURGH	PA 15259
BRYMELLONRE FFT RE FIRM BRYMELLONRE FFR MEPT ASSETS BRYMELLONRE FRIM HYDLONG CO. BRYMELLONRE FRIM HYDLONG CO. BRYMELLONRE FRIM WESTMENT ACCOUNT BRYMELLONRE FRIM WESTMENT PORTFOLI BRYMELLONRE FRIM WESTMENT PORTFOLI BRYMELLONRE FRIM WESTMENT PORTFOLIO BRYMELLONRE FRIM WESTMENT PORTFOLIO BRYMELLONRE FRIM WESTMENT PORTFOLIO BRYMELLONRE FRIM WESTMENT FORTFOLIO BRYMELLONRE FRIM ASSET A	MOCHAEL KANIA COOPP ACTIONS CORP ACTIONS CORP ACTIONS LENNIFER MAY MOCHAEL KANIA ATTIL CORPORATE ACTIONS ACTIVE CORPORATE ACTIONS ACTIVE CORPORATE ACTIONS	SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE SSS WILLIAM PENN PLACE	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE	RM 0400	PITTSBURGH PITTSBURGH PITTSBURGH PITTSBURGH PITTSBURGH PITTSBURGH PITTSBURGH	PA 15259



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Company	BNYMELLON/RE HSBC BANK PLC			525 WILLIAM PENN PLACE	Address 3		PA 15	259	Country
Company	BNYMELLON/RE HSBC BANK PLC EQD USBR BNYMELLON/RE HSBC BANK PLC PARIS BRA		VICE PRESIDENT	525 WILLIAM PENN PLACE	RM 0400 RM 0400	PITTSBURGH			
Company Comp	BNYMELLON/RE HSBC FRANCE	CORPORATE ACTIONS	525 WILLIAM PENN PLACE	323 WILLIAM PENNY PENGE	INII 0400	PITTSBURGH	PA 15	259	
Company Comp	BNYMELLON/RE HSBC UK BANK PLC	ATTN: CORPORATE ACTIONS		COC MILL LAND DENNI DI AOG	DM 0400	PITTSBURGH	PA 15	219	
Commonwest Com	BNYMELLON/RE ICAP LONDON	JENNIFER MAY	VICE PRESIDENT	401 SOUTH SALINA STREET	2ND FLOOR	SYRACUSE	NY 13	202	
Comment	BNYMELLON/RE ICBC STANDARD BANK PLC		525 WILLIAM PENN PLACE						
Control of the Cont	BNYMELLON/RE ITC - DEALERS CLEARANCE		VICE PRESIDENT				PA 15	259	
Control of the Cont	BNYMELLON/RE JW GIDDENS TRUSTEE LIQ	JENNIFER MAY	VICE PRESIDENT	401 SOUTH SALINA STREET	2ND FLOOR	SYRACUSE	NY 13	202	
1985 1985	BNYMELLON/RE LME CLEAR Bnymellon/Re Midean Seden	ATTN: CORPORATE ACTIONS	525 WILLIAM PENN PLACE	626 William Bonn Blaco		PITTSBURGH Pitteburgh	PA 15	259	
Marie Mari	BNYMELLON/RE MILLENNIUM FIXED INCOME	DONNA STEINMAN	VICE PRESIDENT	ONE WALL STREET		NEW YORK			
March Marc					2ND FLOOR		NY 10	286	
March 1985 Mar	DAIVAGE LONGO NATIVIO	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE	2ND FLOOR	PITTSBURGH	PA 15	259	
March Marc	BNYMELLON/RE NATIXIS FIXED INCOME	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15	259	
March Marc	BNYMELLON/RE NOMURA CL SETT NOM LTD	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE	RM 0400	PITTSBURGH	PA 15	259	
Section Sect				525 WILLIAM PENN PLACE					
Proceedings	BNYMELLON/RE OZ OMNIBUS DTC ACCOUNT BNYMELLON/RE DADO CADITAL SEDVICES	MICHAEL KANIA		525 WILLIAM PENN PLACE		PITTSBURGH	PA 15	259	
STATE STAT	BNYMELLON/RE RABOBANK INTERNATIONAL	JENNIFER MAY				PITTSBURGH	DA 16	250	
STATE STAT	BNYMELLON/RE RABOBANK INT'L UTRECHT	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE RM 0400	DM 0400	PITTSBURGH	PA 15	259	
March Marc	BNYMELLON/RE RABOBANK OTRECHT FIXED BNYMELLON/RE RBC CAPITAL MARKETS (EUROPE) GMBH	ATTN: CORPORATE ACTIONS			RM 0400	PITTSBURGH	PA 15	219	
STATE STAT	BNYMELLON/RE RBC I&TS	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15	259	
STATE STAT	BNYMELLON/RE ROYAL BANK OF CANADA BNYMELLON/RE ROYAL BANK OF CANADA	ATTN: CORPORATE ACTIONS							
STATE STAT	BNYMELLON/RE SMBC NIKKO	SECURITIES AMERICA INC	CORPORATE ACTIONS	525 WILLIAM PENN PLACE	+	PITTSBURGH	PA 15	259	
Commonweight Comm	BNYMELLON/RE SMBC NIKKO CAPITAL MARKETS LTD	CORPORATE ACTIONS	525 WILLIAM PENN PLACE			PITTSBURGH	PA 15	259	
STATE 1995	BNYMELLON/RE SUNTRUST BANK PORTFOLIO	JENNIFER MAY	VICE PRESIDENT	525 WILLIAM PENN PLACE					
The Control of the	BNYMELLON/RE THE PRUDENTIAL INVESTME	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15	259	
March Marc	BNYMELLON/RE TRADITION LONDON CLEARI	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15	259	
STATE OF THE PARTY	BNYMELLON/SPECIAL PROCESSING #99	CORP ACTIONS	VICE PRESIDENT	401 SOUTH SALINA STREET	2ND FLOOR	SYRACUSE	NY 13	202	
Company Comp	BNYMELLON/SUSQUEHANNA FINANCIAL	CORP ACTIONS	401 SOUTH SALINA STREET	2ND FLOOR		SYRACUSE	NY 13	202	
Section Content									
SAME AND	BNYMELLON/WEALTH MANAGEMENT	KEVIN KELLY	CORPORATE ACTIONS	ONE MELLON BANK CENTER	4TH FLOOR- 151-0440	PITTSBURGH	PA 15	258	
March According March	BNYMELLON/WF & CO WELLS FARGO & COMPANY	MICHAEL KANIA	525 WILLIAM PENN PLACE			PITTSBURGH	PA 15	259	
March According March	BNYMELLONWYF & CO WELLS FARGO & COMPANY PI BNYMELLONWFB.NA WELLS FARGO BANK NA PI	MICHAEL KANIA	525 WILLIAM PENN PLACE	RM 0400		PITTSBURGH	PA 15	259	
MARCHAND MONTHS STREET, MARCHAND MONTH	BNYMELLON/WINTERFLOOD SECURITIES LTD						PA 15	259	
MANUAL SERVICE AND COMPANY MANUAL SERVICE MANUAL SE	BOKF, NATIONAL ASSOCIATION BRANCH BANKING & TRUST COLEM ID BRAT	ATTN: CORPORATE ACTIONS	Bank of Oklahoma Tower	BOSTON AVENUE AT SECOND STREET	PLIII DINIC 1	TULSA	OK 74	172	
Control Part Part Control Part Part Control Part Part Control Part Part Control Part Pa	DDANICH DANIZING AND TRUST COMPANY	CORP ACTIONS	200 S. COLLEGE ST, 8TH FLOOR			CHARLOTTE	NC 28	202	
Control Part Part Control Part Part Control Part Part Control Part Part Control Part Pa	BRANCH BANKING AND TRUST COMPANY	FM IP CBGREMIC LLC	DORATHEE SINGLETARY - INVESTMENT MANAGER	4320 KAHN DRIVE	BUILDING 1	LUMBERTON	NC 28	358	
The content of the	BRANCH BANKING AND TRUST COMPANY/FM	IP BB&TCOMMUNITY HOLDINGS		4320 KAHN DRIVE		LUMBERTON	NC 28	358	
PRINCE PRINCE CAMPANDE DATE OF THE PRINCE D	BRANCH BANKING AND TRUST COMPANY/FM/	DOROTHEE SINGLETARY	4320 KAHN DRIVE	BUILDING 1		LUMBERTON	NC 28	358	
Company Comp		CARRIE KINLAW	MANAGER	4320 KAHN DRIVE					
Description Control		CARRIE KINI AW	MANAGER				NC 27	903	
Second Recorded 1.00 Second Recorded Comment Com	BRANCH BANKING AND TRUST COMPAY/FM/IPA BRICKELL BANK	CARRIE KINLAW CORPORATE ACTIONS	MANAGER 1395 BRICKELL AVE		BUILDING 1	LUMBERTON	NC 27	903	
Part	BRANCH BANKING AND TRUST COMPAY/FM/IPA BRICKELL BANK BROADRIGE	CORPORATE ACTIONS CORPORATE ACTIONS	1395 BRICKELL AVE 51 MERCEDES WAY		BUILDING 1	LUMBERTON MIAMI EDGEWOOD	NC 27 FL 33 NY 11	893 131 717-0000	
C. OND A SECONDST NO. CORNEL MANY CORN	BRANCH BANKING AND TRUST COMPAY/FMIPA BRICKELI BANK BROADRIDGE Brown Brothers Harriman & Co. BROWN BROTHERS HARRIMAN & CO. /SECURITIES LENDING SPO ACCOUNT II	CORPORATE ACTIONS CORPORATE ACTIONS Jenty Travers JATIN: CORPORATE ACTIONS	1395 BRICKELL AVE 51 MERCEDES WAY 525 Washington Blvd.		BUILDING 1	LUMBERTON MIAMI EDGEWOOD Jersey City JERSEY CITY	NC 27 FL 33 NY 11 NJ 07 NJ 07	893 131 717-0000 310 310	
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CAMPAIL THIST COMPANY	BRANCH BANKING AND TRUST COMPAYEMIPA BROADRIDGE BROKELE BANK BROADRIDGE Brown Brothers Harriman & Do. Brown Brothers Harriman & Co.	CORPORATE ACTIONS CORPORATE ACTIONS Jerry Travers ATTN: CORPORATE ACTIONS Jerry Travers Jerry Travers ATTN: CORPORATE ACTIONS	1395 BRICKELL AVE 51 MERCEDES WAY 525 Washington Blwd. 525 WASHINGTON BLVD. 525 Washington Blvd. 526 GREENWHICH PARK OFFICE	4320 KAHN DRIVE	BUILDING 1	LUMBERTON MIAMI EDGEWOOD Jersey City JERSEY CITY Jersey City GREENWHICH	NC 27 FL 33 NY 11 NJ 07 NJ 07 NJ 07 CT 06	893 131 717-0000 310 310 310 831	
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CITERANK, N.A. BOOK-ENTRY-ONLY MEDIU MIKE BURNS 111 WALL STREET, 15TH FLOOR NEW YORK NY 00005 CITERANK, N.A. CORPORATE TEXTED NEW YORK NY 00005 NEW YORK NY 00005	BRANCH BANKING AND TRUST COMPAYIFMIPA BROADRIDGE BROWER BANK BROADRIDGE BROWER BROTHERS HARRIBARN & CO. /SECURITIES LENDING SPO ACCOUNT II BROWN BROTHERS HARRIBARN & CO. /SECURITIES LENDING SPO ACCOUNT II BROWN BROTHERS HARRIBARN & CO. /SECURITIES LENDING SPO ACCOUNT II BLOCKED SECURITIES LI CO. CL. KING & ASSOCIATES INC. CL. KING & ASSOCIATES INC. CAL DEVLA LENGERS & A. CALDWELL TRUST COMPANY CALDWELL SECURITIES LI CO. CANDOCKED GORDINITY CORPY-COS** CALDWELL TRUST COMPANY CANDOCKED GORDINITY CORPY-COS** CARNOC RETZGERALD & CO. / CANTOR CLE CANTOR RIZGERALD & CO. / CANTOR CLE CECTER AND CONTOR CONTOR CONTOR CONTOR CONTOR CENTERS THE BANK CORP. CENTERS THE BANK CORP. CENTERS SCHWAB & CO. N.C. STOCK LOAN CONDUIT ACCT CHARLES SCHWAB & CO. N.C. STOCK LOAN CONDUIT ACCT CHARLES SCHWAB & CO. N.C. SCHWAB GLOBAL INVEST ACCT CHARLES SCHWAB & CO. N.C. SCHWAB GLOBAL INVEST ACCT CHARLES SCHWAB & CO. N.C. SCHWAB GLOBAL INVEST ACCT CHARLES SCHWAB & CO. N.C. SCHWAB GLOBAL INVEST ACCT CHARLES SCHWAB & CO. N.C. SCHWAB GLOBAL INVEST ACCT CHARLES SCHWAB & CO. N.C. SCHWA	CORPORATE ACTIONS CORPORATE ACTIONS Jerry Travers JATIN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS MICHAEL ACTIONS MICHAEL ACTIONS MICHAEL ACTIONS MICHAEL ACTIONS JATIN: CORPORATE ACTIONS ASHLEY RETARRISON BEN THIESSEN Corporate Actions Dept. Corporate Actions BENAN GRIENTH CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS MICHAEL MICHA	1395 BRICKELL AVE 1305 BRICKELL AVE 1305 Washington Bivd 1306 Washington 1306 Washing	4320 KAHN DRIVE SUITE 450 C1002ABH SUITE 1710 SUITE 2 2899 Floor 135 E 57TH STREET LIMA 0-1 OUEST BUREAU 210 AUTIE 4468 400 1ST STREET SOUTH 501 ST STREET SOUTH 502 E LINCOLN DR. CANADIAN IMPERIAL BANK OF COMMERCE 589 Floor CANADIAN IMPERIAL BANK OF COMMERCE 589 Floor CANADIAN IMPERIAL BANK OF COMMERCE 581 FLOOR 131 SOUTH DEARBORN STREET 1333 WEST 34TH STREET 1333 WEST 34TH STREET 1333 WEST 34TH STREET 1334 REPORZONE 12 1333 WEST 34TH STREET 12 1334 REPORZONE 12 1354 FROOZONE 12 1547 FLOOR 1554 FROOZONE 12 1555 FROOZONE 12	STH FL STH FL SUITE 300 SUITE 300 SUITE 300 22 FRONT ST. W. 7TH FL (ATTN. CORP. ACT)	LUMBERTON EDGEWOOD Jarrey City	NC 27 FL 33 NY 111 NY 111 NY 120 NY 121 NY 111 NY 1	893 1717 1717 1717 1717 1717 1717 1717 17	CANADA PERU CANADA
CITIBANK, N.A., CORPORATE TRUST WARR ALICE MASSINI 111 WALL STREET NEW YORK NY 10043	BRANCH BANKING AND TRUST COMPAYIFMIPA BROADRIDGE BROWER BANK BROADRIDGE BROWER BROTHERS HARRIBARN & CO. /SECURITIES LENDING SPO ACCOUNT II BROWN BROTHERS HARRIBARN & CO. /SECURITIES LENDING SPO ACCOUNT II BROWN BROTHERS HARRIBARN & CO. /SECURITIES LENDING SPO ACCOUNT II BLOCKED SECURITIES LI CO. CL. KING & ASSOCIATES INC. CL. KING & ASSOCIATES INC. CAL DEVLA LENGERS & A. CALDWELL TRUST COMPANY CALDWELL SECURITIES LI CO. CANDOCKED GORDINITY CORPY-COS** CALDWELL TRUST COMPANY CANDOCKED GORDINITY CORPY-COS** CARNOC RETZGERALD & CO. / CANTOR CLE CANTOR RIZGERALD & CO. / CANTOR CLE CECTER AND CONTOR CONTOR CONTOR CONTOR CONTOR CENTERS THE BANK CORP. CENTERS THE BANK CORP. CENTERS SCHWAB & CO. N.C. STOCK LOAN CONDUIT ACCT CHARLES SCHWAB & CO. N.C. STOCK LOAN CONDUIT ACCT CHARLES SCHWAB & CO. N.C. SCHWAB GLOBAL INVEST ACCT CHARLES SCHWAB & CO. N.C. SCHWAB GLOBAL INVEST ACCT CHARLES SCHWAB & CO. N.C. SCHWAB GLOBAL INVEST ACCT CHARLES SCHWAB & CO. N.C. SCHWAB GLOBAL INVEST ACCT CHARLES SCHWAB & CO. N.C. SCHWAB GLOBAL INVEST ACCT CHARLES SCHWAB & CO. N.C. SCHWA	CORPORATE ACTIONS CORPORATE ACTIONS Jerry Travers JATIN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS MICHAEL ACTIONS MICHAEL ACTIONS MICHAEL ACTIONS MICHAEL ACTIONS JATIN: CORPORATE ACTIONS ASHLEY RETARRISON BEN THIESSEN Corporate Actions Dept. Corporate Actions BENAN GRIENTH CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS MICHAEL MICHA	1395 BRICKELL AVE 1365 Washington Blwd 1365 Washington 1365 Washing	4320 KAHN DRIVE SUITE 450 C1002ABH SUITE 1710 SUITE 2 2899 Floor 135 E 57TH STREET LIMA 0-1 OUEST BUREAU 210 AUTIE 4468 400 1ST STREET SOUTH 501 ST STREET SOUTH 502 E LINCOLN DR. CANADIAN IMPERIAL BANK OF COMMERCE 589 Floor CANADIAN IMPERIAL BANK OF COMMERCE 589 Floor CANADIAN IMPERIAL BANK OF COMMERCE 581 FLOOR 131 SOUTH DEARBORN STREET 1333 WEST 34TH STREET 1333 WEST 34TH STREET 1333 WEST 34TH STREET 1334 REPORZONE 12 1333 WEST 34TH STREET 12 1334 REPORZONE 12 1354 FROOZONE 12 1547 FLOOR 1554 FROOZONE 12 1555 FROOZONE 12	SUITE 300 SUITE 300 SUITE 300 22 FRONT ST. W. 7TH FL (ATTN. CORP. ACT) 23 FTH FLOOR	LUMBERTON EDGEWOOD Jarrey City	NC 27 FL 33 NY 111 NY 111 NY 120 NY 121 NY 111 NY 1	893 1717 1717 1717 1717 1717 1717 1717 17	CANADA PERU CANADA
CITIBANK, NA.JBLACKROCK ETF ATTN: CORPORATE ACTIONS 3801 CITIBANK CENTER BISRD FLOORIZONE 12 TAMPA FL 38610	BRANCH BANKING AND TRUST COMPAYIFMIPA BROADRIDGE BROWE BROTHERS HARRIBAN & CO. /SECURITIES LENDING SPO ACCOUNT II BROWN BROTHERS HARRIBAN & CO. /SECURITIES LENDING SPO ACCOUNT II BROWN BROTHERS HARRIBAN & CO. /SECURITIES LENDING SPO ACCOUNT II BROWN BROTHERS HARRIBAN & CO. /SECURITIES LENDING SPO ACCOUNT II BROWN BROTHERS HARRIBAN & CO. /SECURITIES LENDING SPO ACCOUNT II BRUCKERS SECURITIES LIC. CL. KING & ASSOCIATES, INC. CL. KING & ASSOCIATES, INC. CAL DEVLA LENGING SA. ACCOUNT OF ACCOUNTY CALOWELL SECURITIES LID. /COS** CALOWELL TRUST COMPANY CALOWELL TRUST COMPANY CALOWELL TRUST COMPANY CALOWELL TRUST COMPANY CANADCORD GENERAL CO. / CANTOR CLE CANTOR FIZIGERAL & CO. / CANTOR CLE CANTOR FIZIGERAL & CO. / CANTOR CLE CANTOR FIZIGERAL & CO. /CANTOR CLE CANTOR FIZIGERAL & CO. /CANTOR CLE CANTOR FIZIGERAL & SCO. /CANTOR CLE CANTOR FIZIGERAL & CO. /CANTOR CLE CANTOR FIZIGERAL & CO. /CANTOR CLE CANTOR FIZIGERAL & CO. /CANTOR CLE CANTOR FIZIGERAL & SCO. /CANTOR CLE CANTOR FIZIGERAL & CO. /CANTOR CLE CONTOR CITERAN K. A. CO. CO. (C. S. C.	CORPORATE ACTIONS CORPORATE ACTIONS JORY Travers JORY Travers ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS CARRIE (KANE MELINA BOOBIO BRENDA HORSFORD JOY CENTER ROAD ASHLEY REWRISON CORPORATE ACTIONS CORPORATE ACTIONS CORPORATE ACTIONS CORPORATE ACTIONS BRIAN GRIPTITONS BRIAN GRIPTITONS CORPORATE ACTIONS TOMMY SAMPLEY CORPORATE ACTIONS TOMMY SAMPLEY CORPORATE ACTIONS TOMMY SAMPLEY CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS CORPORATE ACTIO	1395 BRICKELL AVE 1304 BRICKELS WAY 1305 WASHINGTON BIVD 1306 WASHINGTON BIVD 130	4320 KAHN DRIVE SUITE 450 C1002ABH SUITE 1710 SUITE 2 2899 Floor 135 E S7TH STREET LIMA 0-1 OUEST BUREAU 210 OUEST BUREAU 210 OUEST BUREAU 210 OUEST BUREAU 210 SUITE 4468 400 1ST STREET SOUTH 400 1ST STREET SOUTH 400 1ST STREET SOUTH 2423 E LINCOLN DR. CANADIAN IMPERIAL BANK OF COMMERCE SIST FLOOR 351 FLOOR 351 FLOOR 351 FLOOR CANADIAN STREET BYRD FLOOR/ZONE 12 333 WEST 34TH STREET BYRD FROOZONE 12 BYRD FROOZONE 13 BYRD FROOZONE 14 BYRD FROOZONE 15 BYRD FROOZONE 14 BYRD FROOZONE 15 BYRD	SUITE 300 SUITE 300 SUITE 300 22 FRONT ST. W. 7TH FL (ATTN. CORP. ACT) 23 FTH FLOOR	LIMBERTON EDGEWOOD Jarray Cly Jar	NC 27 FL 33 NY 111 NY 101 NY 12 NY 101	893 893	CANADA PERU CANADA
	BRANCH BANKING AND TRUST COMPAYIFMIPA BROADRIDGE BROWE BROTHERS HARRIBAN & CO. /SECURITIES LENDING SPO ACCOUNT II BROWN BROTHERS HARRIBAN & CO. /SECURITIES LENDING SPO ACCOUNT II BROWN BROTHERS HARRIBAN & CO. /SECURITIES LENDING SPO ACCOUNT II BLOCKED SECURITIES LIC. CL. KING & ASSOCIATES, INC. CL. KING & ASSOCIATES, INC. CAL DWALL RISK ST. (COMPANY CALOWELL SECURITIES LIC.) CAN DE VALORES S. A. CALOWELL SECURITIES LIC. (COMPANY CALOWELL SECURITIES TO COMPANY CALOWELL TRUST COMPANY CALOWELL TRUST COMPANY CALOWELL TRUST COMPANY CANADCORD GENERAL COMPANY CALOWELL TRUST COMPANY CANADCORD GENERAL COMPANY CANAD FIZZERALD & CO. /CANTOR CLEANING SERVICES CANTOR FIZZERALD & CO. /CANTOR CLEANING SERVICES CONTROL FIZZERALD & CO. /CANTOR CLEANING SERVICES COS CLEARING AND DEPOSITORY SERVICES INC. C	CORPORATE ACTIONS CORPORATE ACTIONS JORY Travers ATTN: CORPORATE ACTIONS CARRIE (SANE MELINA BOBBIO BRENDA HORSFORD JOY CENTER ROAD ASSELY FL WARRISON CORPORATE ROAD ASSELY FL WARRISON CORPORATE ROAD ASSELY FL WARRISON CORPORATE ACTIONS CORPORATE ACTIONS BRIAN GRIENTH HORS BRIAN GRIENTH HORS CORPORATE ACTIONS ATTN: CORPORATE ACTIONS CORPORA	1395 BRICKELL AVE 1305 MERICEBES WAY 252 Washington Bivd 253 Washington Bivd 254 Washington Bivd 255 Washington Bivd 256 Washington Bivd 257 Washi	SUITE 450 C1002ABH SUITE 1710 SUITE 2 2899 Floor 135 E 57TH STREET LIMA 0-1 OUEST BUREAU 210 OUEST BUREAU 210 OUEST BUREAU 210 OUEST BUREAU 210 SUITE 4468 400 1ST STREET SOUTH 400 1ST STREET SOUTH 400 1ST STREET SOUTH 2423 E LINCOLN DR. 2423 E LINCOLN DR. CANADIAN IMPERIAL BANK OF COMMERCE SIP Floor CANADIAN IMPERIAL BANK OF COMMERCE SISTH ELOOR 131 SOUTH DEARBORN STREET SISTH FLOOR 133 WEST 34TH STREET 1374 FROOTZONE 12 1333 WEST 34TH STREET 1374 FROOTZONE 12 1374 FROOTZONE 12 1375 FROOTZO	SUITE 300 SUITE 300 SUITE 300 22 FRONT ST. W. 7TH FL (ATTN. CORP. ACT) 23 FTH FLOOR	LIMABERTON EDGEWOOD Jarray City Jarray Cit	NC 27 FL 33 NY 111 NY 101 NY 102 NY 12 NY 102 NY 102 NY 102 NY 102 NY 102 NY 103 NY 104 NY 104 NY 105 NY 106 NY 106 NY 107 NY 107 NY 107 NY 107 NY 107 NY 107 NY 108 NY 10	893 171710000 171710000 171710000 171710000 171710000 171710000 171710000 171710000 1717100000 1717100000000	CANADA PERU CANADA



Name	Attention	Address 1	Address 2	Address 3	City	State Zin	Country
CITIBANK, N.A./CITIBANK MARGIN LOANS	ATTN: CORPORATE ACTIONS	3801 CITIBANK CENTER	B/3RD FLOOR/ZONE 12	Address 3	TAMPA	State Zip	Country
CITIBANK, N.A./CORPORATE AGENCY & TR CITIBANK, N.A./CORPORATE AGENCY & TRUST	SEBASTIAN ANDRIESZYN SEBASTIAN ANDRIESZYN	111 WALL STREET, 5TH FLOOR 111 WALL STREET, 5TH FLOOR			NEW YORK	NY 10043 NY 10043	
CITIBANK, N.A./ETF	ELIZABETH GABB	DIRECTOR	3800 CITIGROUP CENTER B2/2 B/3RD FLOOR/ZONE 12		TAMPA	FL 33610	
CITIBANK, N.A./PUERTO RICO IBE	ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS	3801 CITIBANK CENTER 3801 CITIBANK CENTER	B/3RD FLOOR/ZONE 12 B/3RD FLOOR/ZONE 12		TAMPA TAMPA	FL 33610	
CITIBANK, N.A./S.D. INDEVAL INSTITUCION PARA EL DEPOSITO DE VALORES, CITIBANK, N.A./SEGREGATED LENDING	JOHN DELLOLIO VP	45TH FLOOR	BISKU FLOORIZONE 12		L.I.C.	FL 33610 NY 11120-0001	
CITIBANK/CP/IPA CITIBANK/THE CITIGROUP PRIVATE BANK/	SEBASTIAN ANDRIESZYN STEPHANIE LUCKEY	111 WALL STREET, 5TH FLOOR 111 WALL STREET	6TH FLOOR		NEW YORK	NY 10043 NY 10005	
CITIBANK/THE CITIGROUP PRIVATE BANK/TRUST	STEPHANIE LUCKEY	111 WALL STREET	6TH FLOOR			NY 10005	
CITICORP SECURITIES SERVICES, INC.	JOHN BYRNE	111 WALL STREET	6TH FLOOR 11TH FLOOR		NEW YORK	NY 10005	
CITIGROUP GLOBAL MARKETS INC. CITIGROUP GLOBAL MARKETS INC. (SALOMO)	SALOMON BROTHERS/A.M.M. SHERRYL NASH-COOK	MARK LEVY 388 GREENWICH STREET	55 WATER STREET 11TH FLOOR		NEW YORK NEW YORK	NY 10041 NY 10013	
CITIGROUP GLOBAL MARKETS INC./SALOMO CITIGROUP GLOBAL MARKETS INC./SALOMO	SHERRYL NASH-COOK MARK LEVY	55 WATER STREET			NEW YORK	NY 10013 NY 10041	
CITIGROUP GLOBAL MARKETS INC./SALOMON BROTHERS CITIGROUP GLOBAL MARKETS INC./CORRESPONDENT CLEARING	ATTN: CORPORATE ACTIONS CORRESPONDENT CLEARING	111 WALL STREET ABIGAIL DAVIES	6TH FLOOR 388 GREENWICH STREET	11TH FLOOR	NEW YORK NEW YORK	NY 10005 NY 10013	
CITIGROUP GLOBAL MARKETS, INC./SALOMON BROTHERS CITIGROUP GLOBAL MARKETS, INC./CORRESPONDENT CLEARING CITY NATIONAL BANK	JOEL GALLANT	555 SOUTH FLOWER STREET, 10TH FLOOR		THIN ESON	LOS ANGELES	CA 90071	
CLEAR STREET LLC		4 WORLD TRADE CENTER, 150 GREENWICH ST 4 WORLD TRADE CENTER, 150 GREENWICH ST	45TH FLOOR 45TH FLOOR		NEW YORK	NY 10007	
CLEAR STREET LLC/SECURITIES FINANCE ACCOUNT CLEAR STREET LLC/SECURITIES LENDING	ATTN: CORPORATE ACTIONS	150 GREENWICH ST	FL 45		NEW YORK NEW YORK	NY 10007 NY 10007-5201	
CLEARSTREAM BANKING AG	NICO STAES	MERGENTHALLERALLEE 61			ESCBORN		GERMANY, FEDERAL RE
Comerica Bank Commerce Bank	Gloria Imhoff Andy Sorkin	411 West Lafayette Investment Management Group	922 Walnut		Detroit Kansas City	MI 48226 MO 64106	
COMMERZ MARKETS LLC	HOWARD DASH	1301 AVENUE OF THE AMERICAS	10TH FLOOR		NEW YORK	NIV 40040	
COMMERZ MARKETS LLC COMMERZ MARKETS LLC/FIXED INC. REPO	ROBERT ORTEGA HOWARD DASH	2 WORLD FINANCIAL CENTER VICE PRESIDENT	32ND FLOOR 2 WORLD FINANCIAL CENTER	32ND FI	NEW YORK	NY 10281-1050 NY 10281	
COMMERZ MARKETS LLC/INTERNATIONAL EQUITY FINANCE	HOWARD DASH	VICE PRESIDENT	1301 AVENUE OF THE AMERICAS	10TH FLOOR	NEW YORK	NY 10019	
COMPASS BANK COMPASS BANK/INVESTMENTS	LEE WEINMAN CORPORATE ACTIONS	15 SOUTH 20TH STREET 15 SOUTH 20TH STREET			BIRMINGHAM BIRMINGHAM	AL 35233	
COMPASS BANK/IPA	LEE WEINMAN	15 SOUTH 20TH STREET			BIRMINGHAM	AL 35233	
COMPASS BANK/TRUST DIVISION COMPLITERSHARE TRUST COMPANY N A	CRYSTAL LAMAR LYNN HUGUET	15 SOUTH 20TH STREET	CLODAL TRANSACTION INT	250 ROYALL STREET	BIRMINGHAM CANTON	AL 35233 MA 02021	
COMPUTERSHARE TRUST COMPANY, N.A. COMPUTERSHARE TRUST COMPANY, N.A./DR	CLAIRE HERRING	MANAGER 2 N. LASALLE	GLOBAL TRANSACTION UNIT	250 ROYALL STREET	CANTON CHICAGO	MA 02021 IL 60602	
COMPUTERSHARE TRUST COMPANY, N.A./DR	KEVIN FLEMING	MANAGER	250 ROYALL STREET		CANTON	MA 02021	
COMPUTERSHARE TRUST COMPANY, N.A./DRP	KEVIN FLEMING	MANAGER MANAGER	250 ROYALL STREET 250 ROYALL STREET			MA 02021	
COMPUTERSHARE TRUST COMPANY, N.A./OP COMPUTERSHARE TRUST COMPANY, N.A./OPTIONS	KEVIN FLEMING KEVIN FLEMING	MANAGER MANAGER	250 ROYALL STREET 250 ROYALL STREET	+	CANTON CANTON	MA 02021	
CONTROL ACCOUNT FOR NSCC CROSS-ENDOR	VIOLET SMITH HOWARD FLAXER	14201 DALLAS DADKWAY			DALLAS	TX 75254 FL 32817	
CONVERGEX EXECUTION SOLUTIONS LLC CONVERGEX EXECUTION SOLUTIONS LLC/STOCK LOAN CONDUIT	HOWARD FLAXER HOWARD FLAXER	VICE PRESIDENT 3501 OLIADRANGI F BI VD	3501 QUADRANGLE BLVD SUITE 200	SUITE 200	ORLANDO ORLANDO	FL 32817 FL 32817	
CONVERGEX EXECUTION SOLUTIONS LLC/SUSQUEHANNA	HOWARD FLAXER	3501 QUADRANGLE BLVD	SUITE 200		ORLANDO	FL 32817	
COR CLEARING LLC/CORRESPONDENT FLIP FACILITATION ACCOUNT	CORPORATE ACTIONS	1200 LANDMARK CENTER	Ste. 800		OMAHA	NE 68102-1916	
COR CLEARING LLC/STOCK LOAN CORMARK SECURITIES INC./CDS**	SHAWN BROWN LISE FRANK	MANAGER SUITE 3450 ROYAL BANK PLAZA	9300 UNDERWOOD AVE SOUTH TOWER		OMAHA TORONTO	NE 68114 ON M5J 2J0 C MN 55120-4100	CANADA
CORMARK SECURITIES INC./CDS** CORPORATE STOCK TRANSFER, INC./DRS	LISE FRANK SHARI HUMPHERYS	SUITE 3450 ROYAL BANK PLAZA 1110 CENTRE POINTE CURV	SOUTH TOWER STE 101		TORONTO SAINT PAUL	MN 55120-4100	7111271
COSSE' INTERNATIONAL SECURITIES, INC. COUNTRY TRUST BANK	DENNIS A YOUNG AMY KIDWELL	1301 5TH AVENUE 1705 N TONAWANDA AVE	SUITE 3024		SEATTLE BLOOMINGTON	WA 98101 IL 61702	
COWEN EXECUTION SERVICES LLC	HOWARD FLAXER	VICE PRESIDENT	3501 QUADRANGLE BLVD	SUITE 200	ORLANDO	FL 32817	
COWEN EXECUTION SERVICES LLC/FULLY PAID FOR LENDING	CORPORATE ACTIONS	599 Lexington Avenue, 20th Floor 700 - 1111 WEST GEORGIA ST 12, PLACE DES ETATS-JUNIS CS 70052			NEW YORK	NY 10022	
CREDENTIAL SECURITIES INC./CDS** CREDIT AGRICOLE CORPORATE AND INVESTMENT BANK	CORPORATE ACTIONS ATTN: CORPORATE ACTIONS	700 - 1111 WEST GEORGIA ST			VANCOUVER MONTROUGE	BC V6E 4T6 C	CANADA
CREDIT AGRICOLE SECURITIES (USA) INC	DANIEL SALCIDO	1301 AVENUE OF THE AMERICAS			NEW YORK	NY 10019	Talloo
CREDIT AGRICOLE SECURITIES (USA) INC	DANIEL SALCIDO DANIEL SALCIDO	194 WOOD AVENUE SOUTH 194 WOOD AVENUE SOUTH	7TH FLOOR		ISELIN ISELIN	NJ 08830 NJ 08830	
CREDIT AGRICOLE SECURITIES (USA) INC/F/B/OCREDIT AGRICOLE NY BRANCH CREDIT AGRICOLE SECURITIES (USA) INC/STOCKLOAN CONDUIT	DANIEL SALCIDO	MANAGER	7TH FLOOR 1301 AVENUE OF THE AMERICAS		NEW YORK	NY 10019	
CREDIT AGRICOLE SECURITIES (USA) INCISTOCKLOAN CONDUIT CREDIT SUISSE AG - NEW YORK BRANCH CREDIT SUISSE AG - NEW YORK BRANCH	DONATINO TROTTER CORPORATE ACTION	5 WORLD TRADE CENTER ELEVEN MADISON AVENUE	7TH FLOOR		NEW YORK NEW YORK	NY 10048	
CREDIT SUISSE AG NYR - SECURITIES L'ENDING MGMT	CORPORATE ACTION CORPORATE ACTIONS	ELEVEN MADISON AVENUE ELEVEN MADISON AVENUE			NEW YORK NEW YORK	NY 10048 NY 10010-3629 NY 10010-3629	
CREDIT SUISSE AG-NEW YORK BRANCH/DTC I.D. CONFIRMATION	CORPORATE ACTIONS	ELEVEN MADISON AVENUE			New York	NY 10010-3629	
Credit Suisse Securities (USA) LLC CREDIT SUISSE SECURITIES (USA) LLC	c/o Broadridge ANTHONY MILO	51 Mercedes Way VICE PRESIDENT	7033 LOUIS STEVENS DRIVE	GLOBAL PROXY SERVICES	Edgewood RESEARCH TRIANGLE PARK	NY 11717 NC 27709	
CREDIT SUISSE SECURITIES (USA) LLC/I	ISSUER SERVICES	51 MERCEDES WAY		GLUBAL PRUXY SERVICES	EDGEWOOD	NY 11717	
CREDIT SUISSE SECURITIES CANADA INC./CDS**	KAZI HAQ	OPERATIONS MANAGER	1 FIRST CANADIAN PLACE, SUITE 2900	P.O. BOX 301	TORONTO	ON M5X 1C9	CANADA
Crest International Nominees Limited CREWS & ASSOCIATES INC	Nathan Ashworth CORPORATE ACTIONS	33 Cannon Street 521 PRESIDENT CLINTON AVE., SUITE 800			LITTLE ROCK	UK EC4M 5SB U	JNITED KINGDOM
CROWELL, WEEDON & CO.	ATTN: JAMES L. CRONK. CORPORATE ACTIONS	624 SOUTH GRAND AVENUE	ONE WILSHIRE BUILDING, SUITE 2600		LOS ANGELES	CA 90017	
CRT CAPITAL GROUP LLC	CORPORATE ACTIONS	262 HARBOR DRIVE	SUITE 440		STAMFORD CHICAGO	CT 06902 IL 60604-3029	
CURIAN CLEARING, LLC	JEANINE STARR	175 WEST JACKSON BLVD 7601 TECHNOLOGY WAY, 2ND FLOOR	SUITE 440				
CURIAN CLEARING, LLC CURVATURE SECURITIES, LLC	ATTN: CORPORATE ACTIONS	39 MAIN STREET			DENVER	CO 80237	
CURVATURE SECURITIES, LLC/EQUITY FINANCE	ATTN: CORPORATE ACTIONS				DENVER CHATHAM	CO 80237 NJ 07928	
D. A. Davidson & Co.		39 MAIN STREET			CHATHAM	CO 80237 NJ 07928 NJ 07928	
D. A. Davidson & Co. DAIWA CAPITAL MARKETS AMERICA INC.	Rita Linskey ATTN: CORPORATE ACTIONS	39 MAIN STREET 8 Third Street North 32 OLD SLIP	14TH FLOOR		CHATHAM Great Falls NEW YORK	CO 80237 NJ 07928 NJ 07928 MT 59401 NY 10005	
D. A. Davidson & Co. DAIWA CAPITAL MARKETS AMERICA INC.	Rita Linskey ATTN: CORPORATE ACTIONS DAVID BIALER	39 MAIN STREET 8 Third Street North 32 OLD SLIP VICE PRESIDENT	32 OLD SLIP		CHATHAM Great Falls NEW YORK	CO 80237 NJ 07928 NJ 07928 MT 59401 NY 10005	
D. A. Davidson & Co. DAIWA CAPITAL MARKETS AMERICA INC. DAIWA CAPITAL MARKETS AMERICA INC./D DAIWA CAPITAL MARKETS AMERICA INC./DASAC DAIWA CAPITAL MARKETS AMERICA INC./DASAC DAIWA CAPITAL MARKETS AMERICA INC./SECURITIES LENDING	Rita Linskey ATTN: CORPORATE ACTIONS DAVID BIALER ATTN: AKIKO HIROSHIMA DAVID BIALER	39 MAIN STREET 8 Third Street North 32 QLD SUP VICE PRESIDENT 32 QLD SUP 32 QLD SUP ASSISTANT VICE PRESIDENT			CHATHAM Great Falls NEW YORK NEW YORK NEW YORK NEW YORK NEW YORK	CO 80237 NJ 07928 NJ 07928 MT 59401 NY 10005 NY 10005 NY 10005 NY 10005	
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Name	Attention	Address 1	Address 2	Address 3	City	State	Zin	Country
DEUTSCHE BANK SECURITIES INCFIXED DEUTSCHE BANK SECURITIES INCINTERN	JAMAAL GRIER ANDREA AUGUSTINA	1251 AVENUE OF THE AMERICAS 1251 AVENUE OF AMERICAS	26TH FLOOR		NEW YORK NEW YORK	NY 100 NY 100	20	
DEUTSCHE BANK SECURITIES INCINTERN DEUTSCHE BANK SECURITIES INCINTERNATIONALSTOCK LOAN	Eric Herbst	5201 Gate Parkway	261H FLOOR		Jacksonville	FI 322	56	
DEUTSCHE BANK TRUST COMPANY AMERICAS	LOURDES PALACIO	60 WALL STREET			NEW YORK	NY 100 CT 068	05	
DIAMANT INVESTMENT CORPORATION Drivewealth, LLC	AUDREY BURGER	170 MASON STREET 15 Exchange Place	10th Floor		GREENWICH Jersey City	NJ 073	02	
Drivewealth, LLC DRIVEWEALTH, LLC/FPL	ATTN: CORPORATE ACTIONS	15 EXCHANGE PLACE	10th Floor 10TH FLOOR		Jersey City JERSEY CITY	NJ 073 NJ 073		
DRIVEWEALTH, LLC/SECURITIES LENDING DST MARKET SERVICES, LLC	ATTN: CORPORATE ACTIONS	15 EXCHANGE PLACE CORPORATE ACTIONS	10TH FLOOR 333 W. 11TH STREET		JERSEY CITY KANSAS CITY	NJ 073 MO 641		
E D & F MAN CAPITAL MARKETS INC.	CORP ACTIONS	140 East 45th Street	42ND FLOOR		NEW YORK	NY 100	17	-
E D & F MAN CAPITAL MARKETS INC. /SECURITIES LENDING E*TRADE BANK	ATTN: CORPORATE ACTIONS TESSA QUINLAN	140 East 45th Street SUPERVISOR	42ND FLOOR 671 NORTH GLEBE ROAD		NEW YORK ARLINGTON	NY 100 VA 222	17	
E*trade Clearing LLC	Victor Lau	34 Exchange Place 1271 AVENUE OF THE AMERICAS	Plaza II		Jersey City NEW YORK	NJ 073 NY 100	11	
E*trade Clearing LLC E*TRADE CLEARING LLC E*TRADE CLEARING LLC	Victor Lau JOHN ROSENBACH JOHN ROSENBACH	1271 AVENUE OF THE AMERICAS 200 HUDSON STREET	Plaza II 14TH FLOOR SIJITE 501		NEW YORK	NY 100 NJ 073	20	
E*TRADE CLEARING LLC	C/O BROADRIDGE	ATTN: CORPORATE ACTIONS DEPT.	2 JOURNAL SQUARE PLAZA	5TH FLOOR	JERSEY CITY	NJ 073	06	
E*TRADE SECURITIES LLC/ETS SECURITIES LENDING	CORPORATE ACTIONS	34 EXCHANGE PLACE			JERSEY CITY	NJ 073	11	
Edward D. Jones & Co. Edward D. Jones & Co.	Elizabeth Rolwes	201 Progress Parkway 12555 Manchester Road			Maryland Heights St Louis	MO 630	43-3042 31	
EDWARD JONES/CDS**	Derek Adams CORPORATE ACTIONS	201 PROGRESS PARKWAY			St Louis MARYLAND HEIGHTS	MO 631 MO 630		-
EDWARD JONES/CDS** ELECTRONIC TRANSACTION CLEARING CANADA/CDS**	DIANE YOUNG CORPORATE ACTIONS	1255 MANCHESTER ROAD BAY ADELAIDE CENTRE	333 BAY STREET, SUITE 1220		ST LOUIS TORONTO	MO 631 ON M5I		CANADA
ELECTRONIC TRANSACTION CLEARING, INC	KEVIN MURPHY	660 S. FIGUEROA STREET	SUITE 1450		LOS ANGELES	CA 900	117	NINDA
ELECTRONIC TRANSACTION CLEARING, INC./HOUSE	CORPORATE ACTIONS	660 SOUTH FIGUEROA STREET	SUITE 1450		LOS ANGELES	CA 900	117	
EMBED CLEARING LLC EMMET & COINC.	ATTN: CORPORATE ACTIONS RICHARD CHRISTENSEN	4203 174TH ST 12 PEAPACK ROAD			OMAHA FAR HILLS	NE 681 NJ 079	35-2640	
ESSEX RADEZ LLC	MARK DEROLF	440 S. LASALLE STREET	SUITE 1111		CHICAGO	II 606	05	-
EUROCLEAR BANK SA/NV/IMS ACCOUNT	ATTN: CORPORATE ACTIONS LINDA DILE	28 LIBERTY STREET 8328 EAGER ROAD	33RD Floor SUITE 300		New York ST LOUIS	NY 100 MO 631	44	
FANNIE MAE	WELLS M. ENGLEDOW	3900 WISCONSIN AVENUE, NW			WASHINGTON	DC 200	116	-
FANNIE MAE FANNIE MAE/GENERAL	CORPORATE ACTIONS WELLS M. ENGLEDOW	3900 Wisconsin Avenue, NW ASSOCIATE COUNSEL	3900 WISCONSIN AVENUE, NW		WASHINGTON WASHINGTON	DC 200 DC 200	16-2892	
FEDERAL HOME LOAN MORTGAGE CORPORATI	PHILIP ROY	VICE PRESIDENT	14201 DALLAS PKWY	FLOOR 12	DALLAS	TX 752	:54	
FEDERAL HOME LOAN MORTGAGE CORPORATION	ALEX KANGELARIS	VICE PRESIDENT	1551 PARK RUN DRIVE MAIL	MAILSTOP D5A	MCLEAN	VA 221	02	
FEDERAL HOME LOAN MORTGAGE CORPORATION/ FEDERAL HOME LOAN MORTGAGE CORPORATION/RETAINED	MULTIFAMILY PHILIP ROY	CORPORATE ACTIONS VICE PRESIDENT	1551 PARK RUN DRIVE MAIL 14201 DALLAS PKWY	MAILSTOP D5A FLOOR 12	MCLEAN DALLAS	VA 221 TX 752	02	
FEDERAL RESERVE BANK OF NEW YORK	TIM FOGARTY	33 LIBERTY STREET			NEW YORK	NY 100	45	
FIDELITY CLEARING CANADA ULC/CDS** FIDELITY CLEARING CANADA ULC/CDS**	CAROL ANDERSON	OPERATIONS MANAGER	483 BAY STREET, SOUTH TOWER	SUITE 200 SUITE 2910	TORONTO TORONTO	ON M5	G 2N7 C	CANADA
FIDELITY CLEARING CANADA ULC/CDS** FIDELITY CLEARING CANADA ULC/CDS**	LINDA SARGEANT ATTN: JOHN SPURWAY	OPERATIONS MANAGER 245 SUMMER STREET	401 BAY STREET MAII ZONE V5A	SUITE 2910	TORONTO BOSTON	ON M5I MA 022	H 2Y4 C	CANADA
Fiduciary Ssb	Stephen M. Moran	225 Franklin Street	Mao-3	<u> </u>	Boston	MA 021	10	<u> </u>
Fiduciary Ssb FIDUCIARY TRUST COMPANY	Corporate Actions BRAD FINNIGAN	1776 Heritage Drive	5th Floor		Quincy BOSTON	MA 021	71	
	MARTINE SIQUI	175 FEDERAL STREET 1 COMPLEXE DESJARDINS	SOUTH TOWER 2ND FI		BOSTON MONTREAL	MA 021		CANADA
FIDUCIE DESJARDINS INC.** FIFTH THIRD BANK	STATE TEACHERS RETIREMENTOF OHIO	1 COMPLEXE DESJARDINS LANCE WELLS	SOUTH TOWER 2ND FL 5001 KINGSLEY ROAD	MD# 1MOB 2D	CINCINNATI	QC H5E OH 452	27	NINDA
FIFTH THIRD BANK FIFTH THIRD BANK	LANCE WELLS PUBLIC EMPLOYEES RETIREMENT SYSTEM	CORP ACTIONS	5050 KINGSLEY DRIVE 5001 KINGSLEY DRIVE	MAIL DROP 1MOB2D MAIL DROP 1M0B2G	CINCINNATI	OH 452		
FIFTH THIRD BANK, NATIONAL ASSOCIATION/STAR OHIO	ATTN: CORPORATE ACTIONS	LANCE WELLS - ASSISTANT VICE PRESIDENT 5001 KINGSLEY DRIVE	MAIL DROP 1MOB2D	MAIL DROP 1M0B2G	CINCINNATI CINCINNATI	OH 452 OH 891	49	
Fifth Third Bank/State Teachers Petirement	Lance Wells	5001 Kingsley Road	Md# 1Mob 2D		Cincinnati	OH 452	27	
FIRST BANK FIRST CLEARING, LLC	EDWARD FURMAN SECURITIES LENDING MATCH BOOK	5001 Kingsley Road 800 JAMES S. MCDONNELL BLVD CORPORATE ACTIONS	2801 MARKET STREET	H0006-09B	Cincinnati HAZELWOOD ST. LOUIS	MO 630 MO 631	42	
FIRST FINANCIAL CORPORATION/DRS	SECURITIES LENDING MATCH BOOK TICIA WRIGHT	ONE FIRST FINANCIAL PLAZA	2801 MARKET STREET	H0006-09B	TERRE HAUTE	IN 478	03	
FIRST SOUTHWEST COMPANY FIRST TENNESSEE BANK N.A. MEMPHIS	CORPORATE ACTIONS	325 NORTH ST. PAUL STREET	SUITE 800		DALLAS	TX 752	01	
FIRST TENNESSEE BANK N.A. MEMPHIS FIRST TRUST PORTFOLIOS, L.P.	MARY ANNE BOHNER ROGER F. TESTIN	845 CORSSOVER LANE 120 EAST LIBERTY DRIVE			MEMPHIS WHEATON	TN 381	17	
FINST FORTFOLIOS, E.P. FMSBONDS, INC. FOLIO INVESTMENTS, INC.	MICHAEL S. SELIGSOHN ASHLEY THEOBALD	120 EAST LIBERTY DRIVE 4775 TECHNOLOGY WAY MANAGER			BOCA RATON MCLEAN	FL 334 VA 221	31	
FOLIO INVESTMENTS, INC.	ASHLEY THEOBALD	MANAGER	8180 GREENSBORO DRIVE	8TH FLOOR	MCLEAN	VA 221	02	-
FOLIOFN INVESTMENTS, INC.	ASHLEY THEOBALD VICTOR LOZA	MANAGER 100 WEST HOUSTON STREET	8180 GREENSBORO DRIVE	8TH FLOOR	MCLEAN SAN ANTONIO	VA 221 TX 782	02	
FTN FINANCIAL SECURITIES CORP.	MICHAEL INKSTER	SENIOR VICE PRESIDENT	845 CROSSOVER LANE	SUITE 150	MEMPHIS	TN 381	17	
Futu Clearing Inc.	Corporate Actions	12750 Merit Drive	Suite 475		Dallas	TX 752	51	
FUTU CLEARING INC./FUTC CONDUIT GEORGE K. BAUM & COMPANY	ATTN: CORPORATE ACTIONS ANNE YEARTA	12750 MERIT DRIVE 4801 MAIN ST STE 500	SUITE 475		DALLAS KANSAS CITY	TX 752	51	
GLENMEDE TRUST COMPANY, N.A. (THE)	DARLENE WARREN	ONE LIBERTY PLACE SUITE 1200	1650 MARKET STREET		PHILADELPHIA	MO 641 PA 191	03	
GLOBAL SECURITIES CORPORATION/CDS** GMP SECURITIES L.P./CDS**	MAYUMI TAKANO MARINO MEGGETTO	11TH FLOOR, 3 BENTALL CENTER 145 KING STREET WEST	595 BURRARD STREET SUITE 300		VANCOUVER TORONTO	BC V7X ON M5I	(104 (CANADA CANADA
Goldman Sachs & Co. LLC	Proxy Hotline 1	30 Hudson Street	Proxy Department		Jersey City	NJ 073	02	ANADA
GOLDMAN SACHS & CO. LLC/CME HOUSE COLLATERAL ACCT	ATTN: CORPORATE ACTIONS	30 HUDSON STREET	PROXY DEPARTMENT		JERSEY CITY	NJ 073	02-4699	
GOLDMAN SACHS BANK USA GOLDMAN SACHS BANK USA	PATRICIA BALDWIN GOLDMAN SACHS AGENCYLENDING GS & CO. LLC FCM CUST	ONE NEW YORK PLAZA DIARA OVERLAN	45TH FLOOR 125 HIGH STREET, SUITE 1700.		NEW YORK BOSTON	NY 100 MA 021	10	
GOLDMAN SACHS BANK USA/	GS & CO. LLC FCM CUST	OMNIBUS ACCT CFTC REG 1.20 CUST SEG ACCT	UNDER SECTIONS 4D(A)&(B) OF THE CEA (CME)	30 HUDSON STREET	JERSEY CITY	NJ 073 NY 100	02	
GOLDMAN SACHS BANK USA#2	PATRICIA BALDWIN	ONE NEW YORK PLAZA	45TH FLOOR		NEW YORK	NY 100	04	
GOLDMAN SACHS BANK USA/GOLDMAN SACHS GOLDMAN SACHS BANK USA/GS & CO. LLC FCM CLEARED SWAPS CLIST OMNIBUS	DIARA OVERLAN ATTN: CORPORATE ACTIONS	OLIVER STREET TOWER 30 HUDSON STREET	125 HIGH STREET, SUITE 1700. PROXY DEPARTMENT		BOSTON JERSEY CITY	MA 021		
GOLDMAN SACHS BANK USA/GS & CO. LLC FCM CLEARED SWAPS CUST OMNIBUS GOLDMAN SACHS EXECUTION & CLEARING, L.P.	CHRISTIN HARTWIG	30 HUDSON STREET	PROXY DEPARTMENT		JERSEY CITY	NJ 073 NJ 073		
Goldman Sachs International GOLDMAN SACHS INTERNATIONAL/GOLDMAN SACHS BANK EUROPE SE	Asset Servicing ATTN: CORPORATE ACTIONS	30 Hudson Street 30 HUDSON STREET	Proxy Department PROXY DEPARTMENT		Jersey City JERSEY CITY	NJ 073	02	
GOLDMAN SACHS INTERNATIONAL/GOLDMAN SACHS BANK EUROPE SE Goldman, Sachs & Co.						NI 072		
	Attn: Steve Berrios - Corporate Actions	100 Burma Road			Jersey City	NJ 073 NJ 073	05	
Goldman, Sachs & Co.	Attn: Steve Berrios - Corporate Actions Proxy Hotline 1	100 Burma Road 30 Hudson Street	Proxy Department		Jersey City Jersey City	NJ 073 NJ 073	02	
GOLDMAN, SACHS & CO./IMS	Proxy Hotline 1	100 Burma Road 30 Hudson Street 30 HURSON STREET	Proxy Department		Jersey City Jersey City JERSEY CITY	NJ 073 NJ 073	02	
GOLDMÁN, SACHS & CO./IMS GOLMAN SACHS INTERNATIONAL/REHYP SEPARATION ACCOUNT GREEN PIER FINTECH LLC	Proxy Holline 1 CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS	100 Burma Road 30 Hudson Street 30 HUDSON STREET 30 HUDSON STREET 24 SUMMER STREET			Jersey City Jersey City JERSEY CITY JERSEY CITY JERSEY CITY BOSTON	NJ 073 NJ 073 NJ 073 NJ 073 MA 022	02 02 02 10	
GOLDMAN, SACHS & CO.JIMS GOLMAN SACHS INTERNATIONAL/REHYP SEPARATION ACCOUNT GREEN PIER FINTECH LLC GUGGENHEIM FUNDS DISTRIBUTORS, LLC	Proxy Hotline 1 CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS SHARON M NICHOLS	100 Burma Road 30 Hutson Street 30 HUDSON STREET 30 HUDSON STREET 245 SUMMER STREET 245 SUMMER STREET 245 SORPORATE WEST DRIVE	Proxy Department PROXY DEPARTMENT		Jersey City Jersey City JERSEY CITY JERSEY CITY BOSTON LISLE	NJ 073 NJ 073 NJ 073 NJ 073 MA 022 IL 605	02 02 02 10 32	
GOLDMÁN, SACHS & CO./IMS GOLMAN SACHS INTERNATIONAL/REHYP SEPARATION ACCOUNT GREEN PIER FINTECH LLC	Proxy Hotline 1 CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS SHARON M NICHOLS SHARON M NICHOLS HOWEVER WINCK HOWEVER HOWARD WINCK	100 Burma Road 30 Hudson Street 30 HUDSON STREET 30 HUDSON STREET 245 SUMMER STREET 245 SUMMER STREET 2455 CORPORATE WEST ORWE 2455 CORPORATE WEST ORWE 2455 CORPORATE WEST ORWE 2455 CORPORATE TWEST ORWE 2455 CORPORATE T	Proxy Department PROXY DEPARTMENT V3A		Jersey City Jersey City JERSEY CITY JERSEY CITY BOSTON LISLE LISLE NEW YORK	NJ 073 NJ 073 NJ 073 NJ 073 MA 022 IL 605 IL 605	02 02 02 110 32	
GOLDMAN, SACHS & COJIMS GOLMAN SACHS INTERNATIONAL/REHYP SEPARATION ACCOUNT GREEN PIER FINTECH LLC GIGGERHEIM FUNDS DISTRIBUTORS, LLC GIGGERHEIM SECURITES INC. 1058, LLC. GIGGERHEIM SECURITES N.LC. HAYWOOD SECURITES INC.	Proxy Hotline 1 CORPORATE ACTIONS ATTH: CORPORATE ACTIONS ATTH: CORPORATE ACTIONS STARON NI NICHOLS SHARON NI NICHOLS HOWARD WINICK TRACY COLLEGE JULIE BRERETON	100 Burma Road 30 Hudson Street 30 HUDSON STREET 30 HUDSON STREET 244 SUMMER STREET 245 SUMMER STREET 245 SUMMER STREET 245 SOM STREET 245 SUMMER STREET 245 SOM STREET 245	Proxy Department PROXY DEPARTMENT V3A	SUITE 700	Jersey City Jersey City JERSEY CITY JERSEY CITY BOSTON LISLE LISLE NEW YORK VANCOUVER	NJ 073 NJ 073 NJ 073 NJ 073 MA 022 IL 605 IL 605 NY 100 BC V66	02 02 02 110 332 332 122 23L6 (0	CANADA
GOLDMAI, SACHS & COJMIS GOLMAI SACHS INTERNATIONAL/REHYP SEPARATION ACCOUNT GREEN PER FINTECH LLC GUGGEN-REM PUNDS DISTRIBUTORS, LLC GUGGEN-REM PUNDS DISTRIBUTORS, LLC GUGGEN-REM FUNDS DISTRIBUTORS, LLC HAYWOOD SECURITES, LLC HAYWOOD SECURITES, LLC HAYWOOD SECURITES, LTC, FSBDRS	Proxy Hotline 1 CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS STARCH IN MICHOLS STARCH IN MICHOLS HOWARD WINCK TRACY COLLEGE JULIE BRERETON PATRICIA PERONS	100 Burma Road 30 Hudson Street 30 HUDSON STREET 30 HUDSON STREET 245 SUMMER STREET 245 SUMMER STREET 2455 CORPORATE WEST DRIVE 2455 CORPORATE WEST DRIVE 255 CORPORATE CATIONS 225 N WATER STREET CORPORATE ACTIONS 225 N WATER STREET	Proxy Department PROXY DEPARTMENT V3A	SUITE 700	Jersey City Jersey City Jersey City JERSEY CITY JERSEY CITY BOSTON LISLE LISLE NEW YORK VANCOUVER DECATUR	NJ 073 NJ 073 NJ 073 NJ 073 MA 022 IL 605 IL 605 NY 100 BC V60 IL 625	02 02 02 02 10 332 32 32 22 23 31.6 (23	;ANADA
GOLDMAN, SACHS & COJMIS GOLMAN SACHS INTERNATIONALIFEHYP SEPARATION ACCOUNT GREEN PIER FINTECH LLC GUGGENHEIM FUNDS DISTRIBUTORS, LLC GUGGENHEIM FUNDS DISTRIBUTORS, LLC GUGGENHEIM FUNDS DISTRIBUTORS, LLC HAYWOOD SECURITES INC/COS** HICKORY PONT BANK & TRUST FSBEPRS	Proxy Holline 1 CORPORATE ACTIONS ATTH: CORPORATE ACTIONS ATTH: CORPORATE ACTIONS ATTH: CORPORATE ACTIONS SHARON IN INCHOLS SHARON IN INCHOLS THAN COLLEGE TABLE BREETON PATRICIA PERMINS PATRICIA PERMINS ATTH: CONNIE ALLEN, CORPORATE ACTIONS ATTH: CONNIE ALLEN, CORPORATE ACTIONS	100 Bums Road 30 Hudson Street 30 HUDSON STREET 30 HUDSON STREET 245 SUMMER STREET 245 SUMMER STREET 2455 CORPORATE WEST DRIVE 2455 CORPORATE WEST DRIVE 2455 CORPORATE CORPORATE CORPORATE ACTIONS 225 N WATER STREET 225 N WATER STREET 277 N HARWOOD ST	Proxy Department PROXY DEPARTMENT V3A 200 BURRARD STREET STE 3400	SUITE 700	Jersey City Jersey City Jersey City JERSEY CITY JERSEY CITY BOSTON LISLE LISLE NEW YORK VANCOUVER DECATUR DECATUR DECATUR DALLAS	NJ 073 NJ 073 NJ 073 NJ 073 NJ 073 MA 022 IL 605 NY 100 BC V60 IL 625 TX 752	02 02 02 110 332 332 22 2 31.6 23 23 201-6534	:ANADA
GOLDMAI, SACHS & COJIMS GOLDMAI SACHS INTERNATIONAL/REHYP SEPARATION ACCOUNT GREEN PIER FINTECH LLC GUGGENHEIM FUNDS DISTRIBUTORS, LLC GUGGENHEIM FUNDS DISTRIBUTORS, LLC. GUGGENHEIM FUNDS DISTRIBUTORS, LLC. HAYWOOD SECURTIES INC. HAYWOOD SECURTIES INC. HOW TO SECURTIES INC. HAYWOOD SECURTIES INC. HALTOR SECURTIES INC.	Proxy Hotline 1 CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS STARON IN INCHOLS SHARON IN INCHOLS SHARON IN INCHOLS HOWARD WINICK TRACY COLLEGE JULIE BRERETON PATRICIA PERRINS PATRICIA PERRINS PATRICIA PERRINS PATRICIA PERRINS PATRICIA PERRINS PATRICIA PERRINS PRINCIA PERRINS PRINCIA PERRINS PRINCIA PERRINS PRINCIA PERRINS	100 Burma Road 30 Hudson Street 30 HUDSON STREET 30 HUDSON STREET 40 SUMMER STREET 2445 SUMMER STREET 2455 CORPORATE WEST DRIVE 2455 CORPORATE WEST DRIVE 2455 CORPORATE ACTIONS 135 EAST STH STREET CORPORATE ACTIONS 225 WASTERS STREET 71 TH HARWOOD ST 71 TH HARWOOD ST	Proxy Department PROXY DEPARTMENT V3A 200 BURRARD STREET STE 3400 SUITE 3400	SUITE 700	Jersey City Jersey City Jersey City Jerses City Jerses City Jerses City BOSTON LISLE LISLE LISLE NEW YORK VANCOUVER DECATUR DECATUR DALLAS DALLAS DALLAS	NJ 073 NJ 073 NJ 073 NJ 073 NJ 073 NJ 073 MA 022 IL 605 IL 605 NY 100 BC V66 IL 625 TX 752 TX 752	02 02 02 110 332 332 222 2 31.6 (23 23 01-6534	:ANADA
GOLDMAN, SACHS & COJMIS GOLMAN SACHS MITERNATIONAL/TEHYP SEPARATION ACCOUNT GREEN PER FINITECH LLC GUGGEN-EIM FUNDS DISTRIBUTORS, LLC GUGGEN-EIM FUNDS DISTRIBUTORS, LLC GUGGEN-EIM FUNDS DISTRIBUTORS, LLC HAYWOOD SECURITIES INC./COS** HOCKORY POINT BANK & TRUST FSBDRS HOCKORY POINT BANK & TRUST FSBDRS HOCKORY POINT BANK & TRUST FSBDRS HILTOP SECURITIES INC. HILTOP SECURITIES INC. HILTOP SECURITIES INC. HILTOP SECURITIES INC.	Proxy Holline 1 CORPORATE ACTIONS ATTH: CORPORATE ACTIONS ATTH: CORPORATE ACTIONS SHARON IN NICHOLS SHARON IN NICHOLS HOWARD WINICK TRACY COLLEGE JULIE BRERETON PAINCIA RENNING ATTH: CORPORATE ACTIONS RENDIA DESCRIPTION PAINCIA RENNING ATTH: RONNE ALLEN, CORPORATE ACTIONS RENONDA JACKSON CHRISTING FINZEN	100 Bumn Road 30 Hudson Street 30 Hudson	Proxy Department PROXY DEPARTMENT VSA 200 BURRARD STREET STE 3400 SUITE 3400 SUITE 3700	SUITE 700	Jersey City Jersey City Jersey City Jersey City Jersey City BOSTON LISLE LISLE LISLE LISLE VANCOUVER DECATUR DECATUR DECATUR DALLAS DALLAS DALLAS DALLAS	NJ 073 NJ 073 NJ 073 NJ 073 NJ 073 MA 022 IL 605 NY 100 BC V66 IL 625 IL 625 TX 752 TX 752	02	;anada
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GOLDMAN, SACHS & CO.JMIS GOLDMAN, SACHS & TENENATIONAL/REHYP SEPARATION ACCOUNT GREEN PIER FINTECH LLC GUGGENHEIM FUNDS DISTRIBUTORS, LLC GUGGENHEIM FUNDS DISTRIBUTORS, LLC GUGGENHEIM FUNDS DISTRIBUTORS, LLC GUGGENHEIM FUNDS DISTRIBUTORS, LLC HURCH FUNDS DISTRIBUTORS DISTRIBUTORS HURCH FUNDS DISTRIBUTORS DISTRIBUTORS HOME FEDERAL BANK OF TENNESSEE, FSB HOME FEDERAL BANK OF TENNESSEE,	Proxy Holline 1 CORPORATE ACTIONS ATTH: CORPORATE ACTIONS ATTH: CORPORATE ACTIONS SHARON IN NICHOLS SHARON IN NICHOLS SHARON IN NICHOLS TRACY COLLEGE JULIE BRERETON PATRICIA PERKINS PATRICIA PERKINS PATRICIA PERKINS PATRICIA PERKINS ATTH: BONNIE ALLEN, CORPORATE ACTIONS RIONDA JACKSON CHRISTIAN FINZEN CORPORATE ACTIONS REBECCA BUCKNER SHERRY S. ELLIS TRUST DEPARTIMENT CUSTOMERS CONTROL TO CONTROL OF CONTROL	100 Burma Road 30 Hudson Street 345 SUMMER STREET 325 N WATER STREET 325 N WATER STREET 325 N WATER STREET 325 N WATER STREET 327 N HARWOOD ST 377 N HARWOOD ST 377 N HARWOOD ST 378 SUMMER STREET 315 MARKET STREET 315	Proxy Department PROXY DEPARTMENT VSA 200 BURRARD STREET STE 3400 SUITE 3400 SUITE 3400 SUITE 407 SUITE 500 SUITE 500 SITH 500 SUITE 500 SUITE 500 SITH 500 SUITE 50	SUITE 500	Joreny City Jersey City Jersey City Jersey City Jersey City Jersey City Seson	NJ 073 NJ 100 NY 100	02 02 02 02 02 02 02 02 03 03 04 05 05 05 05 05 05 05 05 05 05 05 05 05	
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GOLDMAN, SACHS & CO.JMIS GOLDMAN, SACHS & CO.JMIS GOLDMAN SACHS INTERNATIONAL/REHYP SEPARATION ACCOUNT GREEN PIER FINTECH LLC GOGGENEHEM FUNDS DISTRIBLITORS, LLC GOGGENEHEM FUNDS DISTRIBLITORS, LLC GOGGENEHEM SECURITES INC. GUGGENEHEM SECURITES INC. HICKORY POINT BANK & TRUSTES SUDSY HICKORY POINT BANK & TRUSTSTORS HICKORY POINT BANK & TRUSTSTORS HILLTOP SECURITIES INC. HOLD RECORD SECURITIES INC. HOLD RECORD BANK OF TENNESSEE, F.S. B. HOME FEDERAL BANK OF TENNESSEE, FSB HOME FEDERAL BANK HOME FINNAKIAL SERVICES INC. HOME FEDERAL BANK HOME FINNAKIAL SERVICES INC. HOME FEDERAL BANKHOME FINNAKIAL SERVICES INC. HOME FOR BERNEL SECURITIES CLEARING COMPAN HIS FINNAKIAL SERVICES INC. HOME FEDERAL BANKHOME FINNAKIAL SERVICES INC. HOME SERVICES INC. HORS GORD SERVICES INC.	Proxy Hotline 1 CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS START CORPORATE ACTIONS TATRICIA PERRINS PATRICIA PERRINS PATRICIA PERRINS ATTN: BONNE ALLEN, CORPORATE ACTIONS RIONDA JACKSON CHRISTINA FINZEN CORPORATE ACTIONS REGIONE AUTORIONE TRUST DEPARTMENT CUSTOMERS TRUST DEPARTMENT CUSTOMERS TRUST DEPARTMENT CUSTOMERS WALTER H. BOWER JR. CORPORATE ACTIONS WALTER H. BOWER JR. CATHERINE KAN COPPORATE ACTIONS WALTER H. BOWER JR. CATHERINE KAN COPPORATE ACTIONS WALTER H. BOWER JR. LECON SCOPHIZPAHN H. LECON SCOPHIZP	100 Buma Road 30 Hudson Street 32 STREET 33 STREET 34 STREET 35 STREET 36 STREET 36 STREET 37 STREET 37 STREET 37 STREET 38 STREET 39	Proxy Department PROXY DEPARTMENT VSA 200 BURRARD STREET STE 3400 SUITE 3400 SUITE 3400 SUITE 3400 SUITE 500 SUITE 500 SUITE 500 SIS SUITE 500 SUI	SUITE 500	Jersey City LUSIE NEW YORK VANCOUVER DECATUR DECATUR DECATUR DECATUR DALLAS DALLAS DALLAS NEW YORK NOXVILLE KNOXVILLE KNOX	NJ 073-078	02 02 02 02 02 02 02 02 03 03 03 03 03 03 03 03 03 03 03 03 03	
GOLDMAN, SACHS & CO.JMIS GOLDMAN, SACHS & CO.JMIS GOLDMAN SACHS INTERNATIONAL/REHYP SEPARATION ACCOUNT GREEN PIER FINTECH LLC GOGGENEHEM FUNDS DISTRIBLITORS, LLC GOGGENEHEM FUNDS DISTRIBLITORS, LLC GOGGENEHEM SECURITES INC. GUGGENEHEM SECURITES INC. HICKORY POINT BANK & TRUSTES SUDSY HICKORY POINT BANK & TRUSTSTORS HICKORY POINT BANK & TRUSTSTORS HILLTOP SECURITIES INC. HOLD RECORD SECURITIES INC. HOLD RECORD BANK OF TENNESSEE, F.S. B. HOME FEDERAL BANK OF TENNESSEE, FSB HOME FEDERAL BANK HOME FINNAKIAL SERVICES INC. HOME FEDERAL BANK HOME FINNAKIAL SERVICES INC. HOME FEDERAL BANKHOME FINNAKIAL SERVICES INC. HOME FOR BERNEL SECURITIES CLEARING COMPAN HIS FINNAKIAL SERVICES INC. HOME FEDERAL BANKHOME FINNAKIAL SERVICES INC. HOME SERVICES INC. HORS GORD SERVICES INC.	Proxy Hotline 1 CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS START CORPORATE ACTIONS TATRICIA PERRINS PATRICIA PERRINS PATRICIA PERRINS ATTN: BONNE ALLEN, CORPORATE ACTIONS RIONDA JACKSON CHRISTINA FINZEN CORPORATE ACTIONS REGIONE AUTORIONE TRUST DEPARTMENT CUSTOMERS TRUST DEPARTMENT CUSTOMERS TRUST DEPARTMENT CUSTOMERS WALTER H. BOWER JR. CORPORATE ACTIONS WALTER H. BOWER JR. CATHERINE KAN COPPORATE ACTIONS WALTER H. BOWER JR. CATHERINE KAN COPPORATE ACTIONS WALTER H. BOWER JR. LECON SCOPHIZPAHN H. LECON SCOPHIZP	100 Buma Road 30 Hudson Street 32 STREET 33 STREET 34 STREET 35 STREET 36 STREET 36 STREET 37 STREET 37 STREET 37 STREET 38 STREET 39	Proxy Department PROXY DEPARTMENT VOA 200 BURRARD STREET 200 BURRARD STREET STE 3400 SUITE 3400 SUITE 3700 SUITE 4107 SUITE 570 SUITE	SUITE 500	Jersey City LUSIE NEW YORK VANCOUVER DECATUR DECATUR DECATUR DECATUR DALLAS DALLAS DALLAS NEW YORK NOXVILLE KNOXVILLE KNOX	NJ 073-078	02 02 02 02 02 02 02 02 03 03 03 03 03 03 03 03 03 03 03 03 03	
GOLDMAN, SACHS & CO.JMIS GOLDMAN, SACHS & CO.JMIS GOLDMAN SACHS INTERNATIONAL/REHYP SEPARATION ACCOUNT GREEN PIER FINTECH LLC GOGGENHEMP (FUNDS DISTRIBUTORS, LLC GUGGENHEMP (FUNDS DISTRIBUTORS, LLC GUGGENHEMP (FUNDS DISTRIBUTORS, LLC GUGGENHEMP (FUNDS DISTRIBUTORS, LLC HANNOOD SECURITIES INC. COS" HICKORY POINT BANK & TRUST, FSBURS HICKORY POINT BANK & TRUST, FSBURS HILTOR SECURITIES INC. HILTOR SECURITIES INC	Proxy Holline 1 CORPORATE ACTIONS ATTH: CORPORATE ACTIONS ATTH: CORPORATE ACTIONS ATTH: CORPORATE ACTIONS SHAREN S	100 Burma Road 30 Hudson Street 32 STREET 32 STREET 3455 CORPORATE WEST ORWE 3455 CORPORATE WEST ORWE 3455 CORPORATE ACTIONS 22 STREET 32 STREET 34 STREET 35 STREET 36 STREET 36 STREET 37 MARKET STREET 38 MARKET STREET 39 MARKET STREET 30 MARKET STREET 30 MARKET STREET 30 MARKET STREET 31 MARKET STREET 31 MARKET STREET 32 MARKET STREET 34 MARKET STREET 35 MARKET STREET 36 MARKET STREET 37 MARKET STREET 38 MARKET STREET 39 MARKET STREET 30 MARKET STREET 30 MARKET STREET 31 MARKET	Proxy Department PROXY DEPARTMENT V3A 200 BURRARD STREET STE 3400 SUITE 3400 SUITE 3400 SUITE 3700 SUITE 3700 SUITE 407 SUITE 500 SIS MARKET STREET STE MARKET STREET SUITE 500 199 DES VOEUX ROAD CENTRAL 300 Floor	SUITE 500	Jersey City Liste New York VANCOUVER DECATUR DECATUR DECATUR DELATUR DELATUR DELATUR DELATUR DELATUR DELATUR DELATUR NEW YORK NOXVILLE KNOXVILLE	NJ 073-07-08-08-08-08-08-08-08-08-08-08-08-08-08-	02 02 02 02 02 02 02 02 03 02 03 03 03 03 03 03 03 03 03 03 03 03 03	
GOLDMAN, SACHS & CO.JMIS GOLDMAN, SACHS & CO.JMIS GOLDMAN SACHS INTERNATIONAL/REHYP SEPARATION ACCOUNT GREEN PIER FINTECH LLC GOGGENEHEM FUNDS DISTRIBLITORS, LLC GOGGENEHEM FUNDS DISTRIBLITORS, LLC GOGGENEHEM SECURITES INC. GUGGENEHEM SECURITES INC. HICKORY POINT BANK & TRUSTES SUDSY HICKORY POINT BANK & TRUSTSTORS HICKORY POINT BANK & TRUSTSTORS HILLTOP SECURITIES INC. HOLD RECORD SECURITIES INC. HOLD RECORD BANK OF TENNESSEE, F.S. B. HOME FEDERAL BANK OF TENNESSEE, FSB HOME FEDERAL BANK HOME FINNAKIAL SERVICES INC. HOME FEDERAL BANK HOME FINNAKIAL SERVICES INC. HOME FEDERAL BANKHOME FINNAKIAL SERVICES INC. HOME FOR BERNEL SECURITIES CLEARING COMPAN HIS FINNAKIAL SERVICES INC. HOME FEDERAL BANKHOME FINNAKIAL SERVICES INC. HOME SERVICES INC. HORS GORD SERVICES INC.	Proxy Hotline 1 CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS START CORPORATE ACTIONS TATRICIA PERRINS PATRICIA PERRINS PATRICIA PERRINS ATTN: BONNE ALLEN, CORPORATE ACTIONS RIONDA JACKSON CHRISTINA FINZEN CORPORATE ACTIONS REGIONE AUTORIONE TRUST DEPARTMENT CUSTOMERS TRUST DEPARTMENT CUSTOMERS TRUST DEPARTMENT CUSTOMERS WALTER H. BOWER JR. CORPORATE ACTIONS WALTER H. BOWER JR. CATHERINE KAN COPPORATE ACTIONS WALTER H. BOWER JR. CATHERINE KAN COPPORATE ACTIONS WALTER H. BOWER JR. LECON SCOPHIZPAHN H. LECON SCOPHIZP	100 Buma Road 30 Hudson Street 32 STREET 33 STREET 34 STREET 35 STREET 36 STREET 36 STREET 37 STREET 37 STREET 37 STREET 38 STREET 39	Proxy Department PROXY DEPARTMENT VOA 200 BURRARD STREET 200 BURRARD STREET STE 3400 SUITE 3400 SUITE 3700 SUITE 4107 SUITE 570 SUITE	SUITE 500	Jersey City LUSIE NEW YORK VANCOUVER DECATUR DECATUR DECATUR DECATUR DALLAS DALLAS DALLAS NEW YORK NOXVILLE KNOXVILLE KNOX	NJ 073-078	022 022 022 022 022 023 023 023 023 023	



HSBC BANK USA, NATIONAL ASSOCIATION	TERESE DOLAN	1 HSBC CENTER	17TH FLOOR	Address 3	BUFFALO	State Zip Country NY 14203
HSBC BANK USA, NATIONAL ASSOCIATION HSBC BANK USA, NATIONAL ASSOCIATION/	LINDA NG	140 BROADWAY - LEVEL A			NEW YORK	INY 110015
HSBC BANK USA, NATIONAL ASSOCIATION/IPA	TERESE DOLAN LINDA NG	1 HSBC CENTER 140 BROADWAY - LEVEL A	17TH FLOOR		BUFFALO NEW YORK	NY 14203
HSBC BANK USA, NATIONAL ASSOCIATION/OMNIBUS HSBC SECURITIES (USA) INC.	JAMES KELLY	11 WEST 42ND STREET			NEW YORK	NY 10015 NY 10036
HSBC SECURITIES (USA) INC. HSBC SECURITIES (USA) INC. (FIXED INCOME) HUNTINGTON NATIONAL BANK	LEONARD BELVEDERE FBO OHIO POLICE AND PENSION FUND	VICE PRESIDENT	452 FIFTH AVENUE 7 EASTON OVAL	11TH FLOOR	NEW YORK COLUMBUS	NY 10018 OH 43219
HUNTINGTON NATIONAL BANK HUNTINGTON NATIONAL BANK	FBO OHIO POLICE AND PENSION FUND FBO SCHOOL EMPLOYEE RETIREMENT SYSTEM OF OHIO	BEVERLY REYNOLDS - ACCOUNTANT BEVERLY REYNOLDS - ACCOUNTANT	7 EASTON OVAL 7 EASTON OVAL	EA4E62 EA4E62	COLUMBUS	OH 43219 OH 43219
HUNTINGTON NATIONAL BANK/FBO OHIO PO	DAVID GUNNING	ACCOUNTANT	5555 CLEVELAND AVE	GW4E62	COLUMBUS	OH 43231
	DAVID GUNNING	ACCOUNTANT	5555 CLEVELAND AVE	GW4E62	COLUMBUS	OH 43231
HUNTINGTON NATIONAL BANNIFED SCHOOL HUNTINGTON NATIONAL BANNIFED HUTCHINSON, SHOCKEY, ERLEY & CO. ICAP CORPORATES LLC ICAP CORPORATES LLC ICAP CORPORATES LLC	BEVERLY REYNOLDS CHIEF FINANCIAL OFFICER	7 EASTON OVAL 222 W ADAMS STREET	EA4E62 SUITE 1700		COLUMBUS CHICAGO	OH 43219 IL 60606
ICAP CORPORATES LLC	ANDREW CHAN	OPERATIONS	111 PAVONIA AVE	10TH FL	JERSEY CITY	NJ 07310
ICAP CORPORATES LLC/CROSSTRADE	CORPORATE ACTIONS	2 Broadgate			LONDON	NJ 07310 EC2M 7UR UNITED KINGDOM
ICE SECURITIES EXECUTION & CLEARING, LLC	ATTN: CORPORATE ACTIONS Financial Services, LLC/Equity Clearance	55 E 52nd St Nenry Napier	40th Floor 1633 Broadway		NEW YORK New York	NY 10022 NY 10019
Industrial and Commercial Bank of China INDUSTRIAL AND COMMERCIAL BANK OF CHINA	FINANCIAL SERVICES LLC	NENRY NAPIER	1633 BROADWAY		NEW YORK	NY 10019
INDUSTRIAL AND COMMERCIAL BANK OF CHINA INDUSTRIAL AND COMMERCIAL BANK OF CHINA ING FINANCIAL MARKETS LLC	FINANCIAL SERVICES LLC/ CLEARING FINANCIAL SERVICES LLC/ SECURITIES LENDING INTERNATIONAL EQUITY FINANCE	NENRY NAPIER	1633 BROADWAY		NEW YORK	
INDUSTRIAL AND COMMERCIAL BANK OF CHINA	FINANCIAL SERVICES LLC/ SECURITIES LENDING	NENRY NAPIER / CARLOS CRUZ STEPHEN BREATON - VICE PRESIDENT STEPHEN BREATON - VICE PRESIDENT	1633 BROADWAY 1325 AVENUE OF THE AMERICAS		NEW YORK	NY 10019 NY 10019 NY 10019
ING FINANCIAL MARKETS LLC	INTERNATIONAL EQUITY FINANCE MATCH BOOK ACCOUNT	STEPHEN BREATON - VICE PRESIDENT	1325 AVENUE OF THE AMERICAS		NEW YORK	NY 10019
ING FINANCIAL MARKETS LLC	STEVE BREATON	1325 AVENUE OF THE AMERICAS			NEW YORK	NY 10019
ING FINANCIAL MARKETS LLC ING FINANCIAL MARKETS LLC	GLOBAL SECURITIESFINANCE NON-PURPOSE INTERNATIONAL EQUITY FINANCE	STEPHEN BREATON ISSUER SERVICES	1325 AVENUE OF THE AMERICAS		NEW YORK EDGEWOOD	NY 10019 NY 11717
ING FINANCIAL MARKETS LLC/INTERNATIONAL	STEPHEN BREATON STEPHEN BREATON	VICE PRESIDENT	51 MERCEDES WAY 1325 AVENUE OF THE AMERICAS		NEW YORK	NY 10019 NY 10019
ING FINANCIAL MARKETS LLC/LTD.	STEPHEN BREATON	VICE PRESIDENT	1325 AVENUE OF THE AMERICAS		NEW YORK	NY 10019
INGALLS & SNYDER LLC/SECURITIES LENDING INGALLS & SNYDER, LLC	ATTN CORPORATE ACTIONS JOSEPH DI BUONO	1325 AVENUE OF THE 18TH FLOOR 61 BROADWAY	31ST FLOOR		NEW YORK NEW YORK	NY 10019 NY 10006
INSTINET. LLC	LAUREN HAMMOND	DIRECTOR	WORLDWIDE PLAZA	309 WEST 49TH STREET	NEW YORK	NY 10019-7316
INSTINET, LLC/STOCK LOAN INSTINET, LLC/STOCK LOAN	CORPORATE ACTION	Worldwide Plaza	309 West 49th Street		NEW YORK	NV 10010
INSTINET, LLC/STOCK LOAN Institutional Shareholder Services	THOMAS RUGGIERO	875 THIRD AVENUE 15E Solaris One Building	18TH FLOOR 130 Dela Rosa Street		NEW YORK Makati City	NY 10022 1229 Philippines
Institutional Shareholder Services		350 David L. Boren Blvd.	Suite 2000		Norman	OK 73072
INTERACTIVE BROKERS LLC	KARIN MCCARTHY	8 GREENWICH OFFICE PARK			GREENWICH	CT 06831 CT 06831
Interactive Brokers Retail Equity Clearing	Karin Mccarthy Karin Mccarthy	8 Greenwich Office Park 2 Pickwick Plaza	2nd Floor		Greenwich Greenwich	CT 06831 CT 06830
Interactive Brokers Retail Equity Clearing INTERNATIONAL BANK OF COMMERCE/DRS	EILZA V GONZALEZ	1200 SAN BERNARDO AVENUE			LAREDO	TX 178040
INTL FCSTONE FINANCIAL INC. INTL FCSTONE FINANCIAL INC./BD RATES	CORPORATE ACTIONS	708 3RD AVE	15TH FL		NEW YORK	NY 10017 NY 10017
INTL FCSTONE FINANCIAL INC./BD RATES INVESCO CAPITAL MARKETS INC	CORPORATE ACTIONS THOMAS SAUFRBORN	708 3RD AVE ONE CHASE MANHATTAN PLAZA,	15TH FL 37TH FLOOR		NEW YORK	NY 10017 NY 10005
INVESCO CAPITAL MARKETS, INC.	CORPORATE ACTIONS	Two Peachtree Pointe	1555 Peachtree Street, N.E., SUITE 1800		ATLANTA	GA 30309
ITAU BBA USA SECURITIES, INC.	CORPORATE ACTIONS	767 FIFTH AVENUE	50TH FLOOR		NEW YORK	NY 10153
ITAU UNIBANCO S.A. NEW YORK BRANCH	CORPORATE ACTIONS ANTHONY PORTELLI	767 5TH AVENUE 380 MADISON AVE.	50TH FLOOR		NEW YORK NEW YORK	NY 10153
ITGS INC. ITGS INC. ITGS INC. ITG INC/SECURITIES LENDING DIVISION ITG INC/SECURITIES LENDING DIVISION I P Morran Chase Bank Na/Fho Blacknock CTF	STEVEN PACELLA	VICE PRESIDENT	380 MADISON AVENUE	7TH FLOOR	NEW YORK	NY 10017 NY 10017
J.P. Morgan Chase Bank Na/Fbo Blackrock CTF J.P. MORGAN CHASE BANK/GG1	Attn: Sachin Goval, Corporate Actions	14201 Dallas Pkwv	Floor 12 - Corp Actions Dept 4 NEW YORK PLAZA		Dallas	TX 75254
J.P. MORGAN CHASE BANK/GG1 J.P. MORGAN CHASE/GARBAN CORPORATES	NORE SCARLETT NORE SCARLETT	ADMINISTRATOR ADMINISTRATOR	4 NEW YORK PLAZA 4 NEW YORK PLAZA	11TH FLOOR 11TH FLOOR	NEW YORK NEW YORK	NY 10004 NY 10004
J.P. Morgan Clearing Corp.	Marcin Bieganski	14201 Dallas Parkway, 12th FI		ITIH PLOOR	Dallas	TY 75254
J.P. Morgan Clearing Corp. J.P. MORGAN CLEARING CORP. J.P. MORGAN CLEARING CORP. / LENDING	Marcin Bieganski JOHN FAY GREGORY SCHRON	14201 Dallas Parkway, 12th FI 500 STANTON CHRISTIANA ROAD EXECUTIVE DIRECTOR	OPS 4, FLOOR 03 ONE METROTECH CENTER NORTH	NCC5	NEWARK	DE 19713-2107 NY 11201
J.P. MORGAN CLEARING CORP. / LENDING J.P. MORGAN SECURITIES CANADA INC. **	GREGORY SCHRON NORE SCARLETT	EXECUTIVE DIRECTOR 4 NEW YORK PLAZA	ONE METROTECH CENTER NORTH		BROOKLYN NEW YORK	NY 11201 NY 10004
J.P. MORGAN SECURITIES LLC	IGOR CHUBURKOV	500 STANTON CHRISTIANA ROAD	CORP ACTIONS 3RD FL		NEWARK	DE 19713-2107
J.P. MORGAN SECURITIES LLC/JP MORGAN MARKETS LIMITED	ATTN CORPORATE ACTIONS	383 MADISON AVENUE			NEW YORK	NY 10179
J.P. MORGAN SECURITIES LLC/JPMC LENDING	GREGORY SCHRON	EXECUTIVE DIRECTOR 311 SOUTH FLORIDA AVENUE	ONE METROTECH CENTER NORTH P.O. BOX 24838, 33802		BROOKLYN	NY 11201
JAMES I. BLACK & COMPANY JANE STREET CAPITAL, LLC	KATHY BIRD CORP ACTIONS	250 Vesev Street	F.O. BOX 24030, 33002		LAKELAND NEW YORK	FL 33801 NY 10281 NY 10281
JANE STREET EXECUTION SERVICES, LLC	ATTN CORPORATE ACTIONS	250 VESÉY STREET			NEW YORK	NY 10281
Janney Montgomery Scott LLC Janney Montgomery Scott LLC	Attn: Corporate Actions Department Mark F. Gress	1717 Arch Street, 19th Floor c/o Mediant Communications Inc.	200 Regency Forest Drive		Philadelphia Cary	PA 19103 NC 27518
	Attn: Brendai Kirby	1717 Arch Street	19th Floor		Cary Philadelphia	PA 19103 NC 27518 PA 19103
Janney Montgomery Scott LLC	Regina Lutz	1801 Market Street, 9th Floor			Philadephia	PA 19103-1675
Janney Montgomery Scott LLC JANNEY MONTGOMERY SCOTT LLC/STOCK LO JANNEY MONTGOMERY SCOTT LLC/STOCK LOAN	JACK LUND	26 BROADWAY 1717 ARCH STREET	19TH FLOOR		NEW YORK PHILADELPHIA	NY 10004 PA 19103
	SYLVIA ANTONIO	18301 BERMUDA GREEN DRIVE	2ND FLOOR		TAMPA	FL 33647 NJ 07311
JEFFERIES LLC	ROBERT MARANZANO	34 EXCHANGE PL			JERSEY CITY	NJ 07311
JEFFERIES LLC/AS AGENT FOR JEFFERIES JEFFERIES LLC/AS AGENT FOR JEFFERIES INTERNATIONAL LONDON	JONATHAN CHRISTON CORPORATE ACTIONS	VICE PRESIDENT 520 MADISON AVENUE	HARBORSIDE FINANCIAL CENTER	PLAZA III, SUITE 705	JERSEY CITY NEW YORK	NJ 07303 NY 10022
JEFFERIES LLC/JEFFERIES EXECUTION SE	VICTOR POLIZZOTTO SERVICE BUREAU	HARRORSIDE FINANCIAL CENTER	PLAZA III, SUITE 704		JERSEY CITY	NJ 07311 NJ 07311
JEFFERIES LLC/JEFFERIES EXECUTION SE JEFFERIES LLC/JEFFERIES EXECUTION SERVICES,INC. JEFFERIES LLC/SECURITIES FINANCE	SERVICE BUREAU CORPORATE ACTIONS	VICTOR POLIZZOTTO 520 MADISON AVENUE	HARBORSIDE FINANCIAL CENTER	PLAZA III, SUITE 704	JERSEY CITY	
JEFFERIES LLC/SECURITIES FINANCE JEFFERIES LLC/SECURITIES FINANCE	JONATHAN CHRISTON	VICE PRESIDENT	34 EXCHANGE PLACE PLAZA III	SUITE 705	NEW YORK JERSEY CITY	NY 10022 NJ 07311
JONES GABLE & COMPANY LIMITED/CDS**	LORI WRIGHT	VICE PRESIDENT	110 YONGE STREET	SUITE 600	TORONTO	ON M5C 1T6 CANADA
JP MORGAN CHASEJP MORGAN INTERNATIO JP MORGAN CHASEJP MORGAN INTERNATIONAL JPMCJPMORGAN CHASE BANK NA	GREGORY HALLETT	OPERATIONS	4041 OGLETOWN RD	1ST FLOOR	NEWARK	DE 19713
JP MURGAN CHASE/JP MORGAN IN LERNA I IONAL JPMC/JPMORGAN CHASE BANK NA	NORE SCARLETT ATTN: JANICE CHAMPAGNIE	ADMINISTRATOR 500 STANTON CHRISTIANA ROAD	4 NEW YORK PLAZA 3/OPS 2	11TH FLOOR	NEW YORK NEWARK	NY 10004 DE 19713
JPMC/JPMORGAN CHASE BANK NA	MARCIN BIEGANSKI	14201 DALLAS PKWY	FLOOR 12 - CORP ACTIONS DEPT		DALLAS	TX 75254
JPMC/THE HONG KONG SHANGHAI BANKING CORP. LTD	NORE SCARLETT	4 NEW YORK PLAZA	11TH FLOOR		NEW YORK	NY 10004
JPMC/THE ROYAL BANK OF SCOTLAND PLC, CT BRANCH JPMCB/DNT ASSET TRUST	NORE SCARLETT MARCIN BIEGANSKI	4 NEW YORK PLAZA 14201 DALLAS PKWY	11TH FLOOR FLOOR 12 - CORP ACTIONS DEPT		NEW YORK DALLAS	NY 10004 TX 75254
JPMCBI/JP. MORGAN SECURITIES CANADA INC.	MARCIN BIEGANSKI DRALAN PORTER NORE SCARLETT	ANALYST 4 NEW YORK PLAZA	14201 DALLAS PARKWAY 111TH FLOOR	12TH FLOOR	DALLAS DALLAS NEW YORK	TX 75254
JPMCB/J.P. MORGAN SECURITIES CANADA INC. JPMORGAN CHASE BANK	NORE SCARLETT	4 NEW YORK PLAZA MARCIN BIEGANSKI	11TH FLOOR	CORPORATE ACTIOND DEPT	NEW YORK DALLAS	TX 75254 NY 10004 TX 75254
JPMORGAN CHASE BANK JPMORGAN CHASE BANK	OHIO POLICE AND FIRE PENSION FUND JP MORGAN PROPRIETARY ASSET ACCOUNT	MARCIN BIEGANSKI NORE SCARLETT - ADMINISTRATOR	14201 DALLAS PARKWAY, 12TH FL 4 NEW YORK PLAZA	11TH FLOOR	DALLAS NEW YORK	TX 75254 NY 10004
JPMORGAN CHASE BANK	JP MORGAN PROPRIETARY ASSET ACCOUNT BROKER & DEALER CLEARANCE DEPARTMENT	NORE SCARLETT - ADMINISTRATOR NORE SCARLETT	4 NEW YORK PLAZA	11TH FLOOR	NEW YORK	NY 10004 TX 75254
JPMORGAN CHASE BANK	CORRESPONDENCE CLEARINGSERVICES 2	MARCIN BIEGANSKI	14201 DALLAS PARKWAY, 12TH FL		DALLAS	TX 75254
JPMORGAN CHASE BANK JPMORGAN CHASE BANK	WINTERFLOOD SECURITIESLIMITED TREASURER OF STATE OF OHIO BWC	MARCIN BIEGANSKI MARCIN BIEGANSKI	14201 DALLAS PARKWAY, 12TH FL 14201 DALLAS PARKWAY, 12TH FL	CORPORATE ACTIOND DEPT	DALLAS DALLAS	TX 75254 TX 75254
JPMORGAN CHASE BANK - ADR	TREASURER OF STATE OF OHIO BWC EDWARD SANTANGELO	500 STANTON CHRISTINA ROAD		COLUMN TE ACTIONS DEFT	NEWARK	TX 75254 DE 19713
JPMORGAN CHASE BANK N.A.	JPMORGAN EUROPE LIMITED MONICA WEMER	VICE PRESIDENT	500 STANTON CHRISTIANA ROAD		NEWARK	DE 19713
JPMORGAN CHASE BANK NA JPMORGAN CHASE BANK NA/DBTC AMERICAS	GME DIV OF ICAP CORPORATE LLC DB UKBANK LIMITED DIANE MCGOWAN	JAMES BENJAMIN ANALYST VICE PRESIDENT	14201 DALLAS PARKWAY 4 NEW YORK PLAZA	12TH FLOOR 11TH FLOOR	DALLAS NEW YORK	TX 75254 NY 10004
JPMORGAN CHASE BANK NA/DBTC AMERICAS	DEUTSCHE BANK AG (LONDON BRANCH) MARCIN BIEGANSKI	ASSOCIATE	14201 DALLAS PKWY, 12TH FL	CORPORATE ACTIONS DEPT	DALLAS	TX 75254
IPMORGAN CHASE BANK NA/DBTC AMERICAS	MARCIN BIEGANSKI	ASSOCIATE VICE PRESIDENT	14201 DALLAS PKWY, 12TH FL	CORPORATE ACTIONS DEPT	DALLAS NEW YORK	TX 75254
	DIANE MCGOWAN ATTN: CORPORATE ACTIONS	VICE PRESIDENT 500 STANTON CHRISTIANA ROAD	4 NEW YORK PLAZA OPS 4, FLOOR 03	11TH FLOOR NCC5	NEW YORK NEWARK	NY 10004 DE 19713
JPMORGAN CHASE BANK NA/DBTC AMERICAS	printer dona distributions	500 STANTON CHRISTIANA ROAD 500 STANTON CHRISTIANA ROAD	OPS 4, FLOOR 03	NCC5	NEWARK	N.I 19713-2107
JPMORGAN CHASE BANK, N.A./ABCP CONDUITS JPMORGAN CHASE BANK, N.A./CHIEF INVESTMENT OFFICE 4	ATTN: CORPORATE ACTIONS			FLOOR: 03	NEWARK	DE 19713-2107
JPMORGAN CHASE BANK, N.A./ABCP CONDUITS JPMORGAN CHASE BANK, N.A./CHIEF INVESTMENT OFFICE 4 IJPMORGAN CHASE RANK N. A./CLISTODIAL TRUST COMPANY	JOHN P FAY	CORP ACTIONS	500 STANTON CHRISTIANA ROAD, OPS 4			DE 10/10/210/
JPMORGAN CHASE BANK, N.A./ABCP CONDUITS JPMORGAN CHASE BANK, N.A./CHIEF INVESTMENT OFFICE 4 JPMORGAN CHASE BANK N.A (CUSTODIAL TRUST COMPANY)	JOHN P FAY CORPORATE ACTIONS DEPT	CORP ACTIONS 14201 DALLAS PARKWAY, 12TH FL			DALLAS	DE 19713-2107 TX 75254 N.I. 19713-2107
JPMORGAN CHASE BANK, N.A./BOP CONDUITS JPMORGAN CHASE BANK, N.A./BUF INVESTMENT OFFICE 4 JPMORGAN CHASE BANK, N.A./BUSTODULI TRUST COMPANY JPMORGAN CHASE BANK, N.A./BUSTODULI SSECTION JPMORGAN CHASE BANK, N.A./BUSTONULI ASSOCI	JOHN P FAY CORPORATE ACTIONS DEPT ATTN: CORPORATE ACTIONS SACHIN GOYAL	CORP ACTIONS 14201 DALLAS PARKWAY, 12TH FL 500 STANTON CHRISTIANA ROAD ASSOCIATE	500 STANTON CHRISTIANA ROAD, OPS 4 OPS 4, FLOOR 03 500 STANTON CHRISTIANA ROAD, OPS 4	NCC5 FLOOR 02	DALLAS NEWARK NEWARK	NJ 19713-2107 DE 19713-2107
JPMORGAN CHASE BANK, N.A. AIROP CONDUITS JPMORGAN CHASE BANK, N.A. CHIEF INVESTIBENT OFFICE 4 JPMORGAN CHASE BANK, N.A. CUSTODIAL TRUST COMPANY JPMORGAN CHASE BANK, N.A. CUSTODIAL TRUST COMPANY JPMORGAN CHASE BANK, N.A. CUSTODIAL TRUST COMPANY JPMORGAN CHASE BANK, N.A. TOWNAL ASSOCIATION JPMORGAN CHASE BANK, NATIONAL ASSOCIATION	JOHN P FAY CORPORATE ACTIONS DEPT ATTN: CORPORATE ACTIONS SACHIN GOYAL FAREED HAMEEDUDDIN	CORP ACTIONS 14201 DALLAS PARKWAY, 12TH FL 500 STANTON CHRISTIANA ROAD ASSOCIATE 4 CHASE METROTECH CENTER	OPS 4, FLOOR 03 500 STANTON CHRISTIANA ROAD, OPS 4	NCC5 FLOOR 02	DALLAS NEWARK NEWARK BROOKLYN	NJ 19713-2107 DE 19713-2107 NY 11245
JPMOGRAM CHASE BANK, N.A./BOP CONDUITS JPMOGRAM CHASE BANK, N.A./BUF INVESTMENT OFFICE 4 JPMOGRAM CHASE BANK, N.A./CUISTODIAL TRUST COMPANY JPMOGRAM CHASE BANK, N.A./CUISTODIAL TRUST COMPANY JPMOGRAM CHASE BANK, N.A./JPMOGRAM CHASE HOLDINGS LLC JPMOGRAM CHASE BANK, N.A./JPMOGRAM CHASE HOLDINGS LLC JPMOGRAM CHASE BANK, NATIONAL ASSOCI JPMOGRAM CHASE BANK, NATIONAL ASSOCIATION JPMOGRAM CHASE BANK, NATIONAL ASSOCIATION	JOHN P FAY CORPORATE ACTIONS DEPT ATTH: CORPORATE ACTIONS SACHIN GOYAL FARED HAMEEDUDOIN MARCIN BIEGANSKI	CORP ACTIONS 14201 DALLAS PARKWAY, 12TH FL 500 STANTON CHRISTIANA ROAD ASSOCIATE 4 CHASE METROTECH CENTER ASSOCIATE ASSOCIATE ASSOCIATE	OPS 4, FLOOR 03 500 STANTON CHRISTIANA ROAD, OPS 4 14201 DALLAS PKWY	NCC5 FLOOR 02 FLOOR 12 - CORP ACTIONS DEPT	DALLAS NEWARK NEWARK BROOKLYN DALLAS	NJ 19713-2107 DE 19713-2107 NY 11245 TX 75254
JPMORGAN CHASE BANK, N.A./BOP CONDUITS JPMORGAN CHASE BANK, N.A./BUF INVESTMENT OFFICE 4 JPMORGAN CHASE BANK, N.A./BUSTODUIT, TRUST COMPANY JPMORGAN CHASE BANK, N.A./BUSTODUI, ASSOCIATION JPMORGAN CHASE BANK, NATIONAL, ASSOCIATION	JOHN P FAY CORPORATE ACTIONS DEPT ATTIN. CORPORATE ACTIONS SACHIN GOYL FAREED HAMEEDUDDIN MARCIN BIEGANISK RBS SECURITIES JAPAN LIMITED RBS SECURITIES JAPAN LIMITED BIBLIC EMBUYESS BETEINDEMENT SYSTEM OF CHAIN (OPERS).	CORP ACTIONS 14201 DALLAS PARKWAY, 12TH FL 1500 STANTON CHRISTIANA ROAD ASSOCIATE 4 CHASE METROTECH CENTER ASSOCIATE MARCIN BIEGANCKI MARCIN BIEGANCKI	OPS 4, FLOOR 03 500 STANTON CHRISTIANA ROAD, OPS 4 14201 DALLAS PKWY 14201 DALLAS PKWY 14201 DALLAS PKWY	NCC5 FLOOR 02 FLOOR 12 - CORP ACTIONS DEPT FLOOR 12 - CORP ACTIONS DEPT FLOOR 12 - CORP ACTIONS DEPT	DALLAS NEWARK NEWARK BROOKLYN DALLAS DALLAS DALLAS	NJ 19713-2107 DE 19713-2107 NY 11245 TX 75254 TX 75254 TX 75254
JPMORGAN CHASE BANK, N.A. JABOP CONDUITS JPMORGAN CHASE BANK, N.A. JOHEN TWESTHERT OFFICE 4 JPMORGAN CHASE BANK, N.A. JOHEN TWESTHERT OFFICE 4 JPMORGAN CHASE BANK, N.A. JOHEN CHASE HOLDINGS LIC JPMORGAN CHASE BANK, N.A. JUPMORGAN CHASE HOLDINGS LIC JPMORGAN CHASE BANK, N.A. JUPMORGAN CHASE HOLDINGS LIC JPMORGAN CHASE BANK, NATIONAL ASSOCIATION JPMORGAN CHASE BANK, NATIONAL ASSOCIATION JPMORGAN CHASE BANK, NATIONAL ASSOCIATION JPMORGAN CHASE BANK NATIONAL ASSOCIATION JPMORGAN CHASE BANK NATIONAL ASSOCIATION JPMORGAN CHASE BANK NATIONAL ASSOCIATION	JOHN P FAY CORPORATE ACTIONS DEPT ATTIN. CORPORATE ACTIONS SACHIN GOYL FAREED HAMEEDUDDIN MARCIN BIEGANISK RBS SECURITIES JAPAN LIMITED RBS SECURITIES JAPAN LIMITED BIBLIC EMBUYESS BETEINDEMENT SYSTEM OF CHAIN (OPERS).	CORP ACTIONS 14201 DALLAS PARKWAY, 12TH FL 1500 STANTON CHRISTIANA ROAD ASSOCIATE 4 CHASE METROTECH CENTER ASSOCIATE MARCIN BIEGANCKI MARCIN BIEGANCKI	OPS 4, FLOOR 03 500 STANTON CHRISTIANA ROAD, OPS 4 14201 DALLAS PKWY 14201 DALLAS PKWY 14201 DALLAS PKWY	NCC5 FLOOR 02 FLOOR 12 - CORP ACTIONS DEPT FLOOR 12 - CORP ACTIONS DEPT FLOOR 12 - CORP ACTIONS DEPT	DALLAS NEWARK NEWARK BROOKLYN DALLAS DALLAS DALLAS	NJ 19713-2107 DE 19713-2107 NY 11245 TX 75254 TX 75254 TX 75254
JPMORGAN CHASE BANK, N. A. JOHE PINVESTED TO PICE 4 JPMORGAN CHASE BANK, N. A. JOHE IN WESTHERT OFFICE 4 JPMORGAN CHASE BANK, N. A. JOHE TOWN THUST COMPANY JPMORGAN CHASE BANK, N. A. JOHE STORIL TRUST COMPANY JPMORGAN CHASE BANK, N. A. JPMORGAN CHASE HOLDINGS LLC JPMORGAN CHASE BANK, N. A. JPMORGAN CHASE HOLDINGS LLC JPMORGAN CHASE BANK, NATOMAL ASSOCIATION	JOHN P FAY CORPORATE ACTIONS DEPT ATTN. CORPORATE ACTIONS SACHIN GOVE FAREED HAMEEDUDDIN HARRIN BEECHDUDDIN RARGIN BEGNAPHAN LIMITED RBS SECURITIES JAPAN LIMITED PUBLIC BEHLOTESS RETIREMENT SYSTEM OF OHIO (OPERS) RBS FINANCIAL PRODUCTS RBS FINANCIAL PR	CORP ACTIONS 14201 DALLAS PARKWAY, 12TH FL 1500 STANTON CHRISTIANA ROAD ASSOCIATE 4 CHASE METROTECH CENTER ASSOCIATE MARCIN BIEGANSKI MARCIN BIEGANSKI MARCIN BIEGANSKI MARCIN BIEGANSKI MARCIN BIEGANSKI	OPS 4, FLOOR 03 500 STANTON CHRISTIANA ROAD, OPS 4 14201 DALLAS PRWY 14201 DALLAS PRWY 14201 DALLAS PRWY 14201 DALLAS PRWY 14201 DALLAS PRWY	NCC5 FLOOR 02 FLOOR 12 - CORP ACTIONS DEPT	DALLAS NEWARK NEWARK BROOKLYN DALLAS DALLAS DALLAS DALLAS DALLAS DALLAS DALLAS DALLAS	N.J. 19713-2107 DE 19713-2107 NY 11245 TX 75254
JPMORGAN CHASE BANK, N.A. JABOP CONDUITS JPMORGAN CHASE BANK, N.A. JOHEN TWESTHERT OFFICE 4 JPMORGAN CHASE BANK, N.A. JOHEN TWESTHERT OFFICE 4 JPMORGAN CHASE BANK, N.A. JOHEN CHASE HOLDINGS LIC JPMORGAN CHASE BANK, N.A. JUPMORGAN CHASE HOLDINGS LIC JPMORGAN CHASE BANK, N.A. JUPMORGAN CHASE HOLDINGS LIC JPMORGAN CHASE BANK, NATIONAL ASSOCIATION JPMORGAN CHASE BANK, NATIONAL ASSOCIATION JPMORGAN CHASE BANK, NATIONAL ASSOCIATION JPMORGAN CHASE BANK NATIONAL ASSOCIATION JPMORGAN CHASE BANK NATIONAL ASSOCIATION JPMORGAN CHASE BANK NATIONAL ASSOCIATION	JOHN P FAY CORPORATE ACTIONS DEPT ATTIN. CORPORATE ACTIONS SACHIN GOYL FAREED HAMEEDUDDIN MARCIN BIEGANISK RBS SECURITIES JAPAN LIMITED RBS SECURITIES JAPAN LIMITED BIBLIC EMBUYESS BETEINDEMENT SYSTEM OF CHAIN (OPERS).	CORP ACTIONS 14201 DALLAS PARKWAY, 12TH FL 1500 STANTON CHRISTIANA ROAD ASSOCIATE 4 CHASE METROTECH CENTER ASSOCIATE MARCIN BIEGANCKI MARCIN BIEGANCKI	OPS 4, FLOOR 03 500 STANTON CHRISTIANA ROAD, OPS 4 14201 DALLAS PKWY 14201 DALLAS PKWY 14201 DALLAS PKWY	NCC5 FLOOR 02 FLOOR 12 - CORP ACTIONS DEPT FLOOR 12 - CORP ACTIONS DEPT FLOOR 12 - CORP ACTIONS DEPT	DALLAS NEWARK NEWARK BROOKLYN DALLAS DALLAS DALLAS	NJ 19713-2107 DE 19713-2107 NY 11245 TX 75254 TX 75254 TX 75254



Namo	Attention	Address 1	Address 2	Address 3	City	State Zin Country
JPMORGAN CHASE BANK,N.A.	Attention JPMORGAN CHASE FUNDING INC.	GARY GABRYSH	Address 2 500 STANTON CHRISTIANA RD		NEWARK	State Zip Country DE 19713
JPMORGAN CHASE BANK/AG DEPOSITORY BA JPMORGAN CHASE BANK/AG DEPOSITORY BANK	FRED COHEN FRED COHEN	INVESTMENT MANAGER 500 CHRISTIANA RD., FLOOR 3	500 CHRISTIANA RD., FLOOR 3 MORGAN CHRISTIANA CENTER, OPS 4	MORGAN CHRISTIANA CENTER, OPS 4	NEWARK NEWARK	DE 19702 DE 19702
JPMORGAN CHASE BANK/CHEMICAL/COMMERC	BILL VELASQUEZ	VICE PRESIDENT	4 NEW YORK PLAZA	FLOOR 21	NEW YORK	NY 10004
JPMORGAN CHASE BANK/CHIEF INVESTMENT OFFICE JPMORGAN CHASE BANK/CHIEF INVESTMENT OFFICE 3 JJPMORGAN CHASE BANK/CHIEF INVESTMENT OFFICE2	NORE SCARLETT - ADMINISTRATOR	NORE SCARLETT	4 NEW YORK PLAZA	11TH FLOOR	NEW YORK	NY 10004
JPMORGAN CHASE BANK/CHIEF INVESTMENT OFFICE 3	NORE SCARLETT - ADMINISTRATOR NORE SCARLETT - ADMINISTRATOR	NORE SCARLETT NORE SCARLETT	4 NEW YORK PLAZA 4 NEW YORK PLAZA	11TH FLOOR 11TH FLOOR	NEW YORK NEW YORK	NY 10004 NY 10004 NY 10004
JPMORGAN CHASE BANK/CORPORATE MUNICIPAL DEALER	NORE SCARLETT	4 NEW YORK PLAZA	11TH FLOOR		NEW YORK	NY 10004 NY 10004
JPMORGAN CHASE BANK/CORRESPONDENCE C	MARCIN BIEGANSKI	ASSOCIATE	CORPORATE ACTIONS DEPT	14201 DALLAS PARKWAY, 12TH FL	DALLAS	TX 75254
Jpmorgan Chase Bank/Euroclear Bank JPMORGAN CHASE BANK/EUROCLEAR BANK	Corporate Actions CORPORATE ACTIONS	14201 Dallas Pkwy SACHIN GOYAL	Floor 12 - Corp Actions Dept 500 STANTON CHRISTIANA ROAD	OPS 4, FLOOR 02	Dallas NEWARK	TX 75254
JPMORGAN CHASE BANK/GARBAN SECURITIES, INC.	NORE SCARLETT	ADMINISTRATOR	4 NEW YORK PLAZA	11TH FLOOR 02	NEW YORK	DE 19713-2107 NY 10004
JPMORGAN CHASE BANK/GNPH MIDDLE MARK	SUSAN G REISING SUSAN G REISING	100 N BROADWAY			OKI AHOMA CITY	OK 73102 OK 73102
JPMORGAN CHASE BANK/GNPH MIDDLE MARKET JPMORGAN CHASE BANK/HSRCSI	SUSAN G REISING NORE SCARLETT	100 N BROADWAY ADMINISTRATOR	4 NEW YORK PLAZA	11TH FLOOR	OKLAHOMA CITY NEW YORK	OK 73102 NY 10004
JPMORGAN CHASE BANK/IA	MARCIN BIEGANSKI	ASSOCIATE	14201 DALLAS PKWY, 12TH FL	CORP ACTIONS DEPT	DALLAS	TX 75254
JPMORGAN CHASE BANK/INTL ECSTONE FINANCIALING	NORE SCARLETT	ADMINISTRATOR	4 NEW YORK PLAZA	11TH FLOOR	NEW YORK	NY 10004
JPMORGAN CHASE BANK/J.P.MORGAN CHASE JPMORGAN CHASE BANK/J.P.MORGAN CHASE & CO./CERTIFICATE OF DEPOSIT/IPA	AL HERNANDEZ	34 EXCHANGE PLACE			JERSEY CITY JERSEY CITY	NJ 07311
JPMORGAN CHASE BANK/JPMORGAN PPB	AL HERNANDEZ GREGORY HALLETT	34 EXCHANGE PLACE OPERATIONS	4041 OGLETOWN RD	1ST FLOOR	NEWARK	NJ 07311 NJ 19813
JPMORGAN CHASE BANK/JPMORGAN PPB		4 NEW YORK PLAZA	11TH FLOOR		NEW YORK	NY 10004
JPMORGAN CHASE BANK/MET LIFE LOANET JPMORGAN CHASE BANK/MUNICIPAL DEALER	PAULA JONES	ASSISTANT VICE PRESIDENT 500 STANTON CHRISTIANA RD.	14201 DALLAS PARKWAY		DALLAS NEWARK	TX 75254
JPMORGAN CHASE BANK/PCS SHARED SERVICES	JOHN HALLORAN MARCIN RIFGANSKI	14201 DALLAS PARKWAY 12TH FI	OPS 4 FLOOR 3 CORPORATE ACTIOND DEPT		DALLAS	DE 19713-2107 TX 75254
JPMORGAN CHASE BANK/PRUDENTIAL	MARCIN BIEGANSKI	ASSOCIATE	14201 DALLAS PARKWAY, 12TH FL 4 NEW YORK PLAZA	CORPORATE ACTIONS DEPT	DALLAS NEW YORK	TX 75254 NY 10004
JPMORGAN CHASE BANK/RBS SECURITIES INC. JPMORGAN CHASE BANK/SUSQUEHANNA	NORE SCARLETT DIANE MCGOWAN	ADMINISTRATOR VICE PRESIDENT	4 NEW YORK PLAZA 3 METROTECH	11TH FLOOR 5TH FLOOR	NEW YORK BROOKLYN	NY 10004 NY 11245
JPMORGAN CHASE BANK/SUSQUEHANNA JPMORGAN CHASE BANK/TREASURER OF STA	MARCIN BIEGANSKI	VICE PRESIDENT ASSOCIATE	14201 DALLAS PARKWAY, 12TH FL	CORPORATE ACTIOND DEPT	DALLAS	NY 11245 TX 75254
JPMORGAN CHASE BANK/TRUST CO. OF CAI	PHILIP ROY	VICE PRESIDENT	14201 DALLAS PKWY	FLOOR 12	DALLAS	TX 75254
JPMORGAN CHASE BANKVANGUARD LOANET JPMORGAN CHASEFIRMAT PF JPMORGAN CHASE/NEWEDGE CUSTODY	PAULA JONES	ASSISTANT VICE PRESIDENT	14201 DALLAS PARKWAY		DALLAS	TV 75254
JPMORGAN CHASE/FIMAT PF	MARCIN BIEGANSKI CORP ACTION	14201 DALLAS PARKWAY, 12TH FL 630 FIFTH AVENUE, SUITE 500	CORPORATE ACTIOND DEPT		DALLAS NEW YORK	TX 75254
IJPMORGAN CHASE/RBS	NORE SCARLETT	ADMINISTRATOR	4 NEW YORK PLAZA	11TH FLOOR	NEW YORK	TX 75254 NY 10111 NY 10004
JPMORGAN CHASE/US EQ TRP	SERGIO MONTILLO	VICE PRESIDENT	500 STANTON CHRISTIANA ROAD		NEWARK	DE 19713
JPMORGAN CHASE-ADR MAX	SANJAY GHULIANI	PARADIGM, B WING, FLOOR 6 ASSISTANT VICE PRESIDENT	MAINDSPACE, MALAD (W) PARADIGM, B WING, FLOOR 6	MAINIDEDACE MAI AD (M)	MUMBAI 400 084 100000	400 064 100000 INDIA
JPMORGAN CHASE-FIMAT CU JPMORGAN CHASE-FIMAT MB	SANJAY GHULIANI SANJAY GHULIANI	ASSISTANT VICE PRESIDENT ASSISTANT VICE PRESIDENT	PARADIGM, B WING, FLOOR 6 PARADIGM, B WING, FLOOR 6	MAINDSPACE, MALAD (W) MINDSPACE, MALAD (W)	MUMBAI 400 064 100000 MUMBAI	INDIA 400 064 100000 INDIA
.IPMORGAN.CHASE-FIMAT.RM	SANJAY GHULIANI	ASSISTANT VICE PRESIDENT	PARADIGM, B WING, FLOOR 6	MINDSPACE, MALAD (W)	MUMBAI	400 064 100000 INDIA IL 60654
JUMP TRADING LLC	ATTN: CORPORATE ACTIONS CORPORATE ACTIONS	600 W CHICAGO AVE 600 W CHICAGO AVE	SUITE 825 SUITE 825		CHICAGO	IL 60654 II 60654
JUNIT FRADING, LLC KCG Americas I I C	CORPORATE ACTIONS Janica Brink, Vp	600 W CHICAGO AVE Corporate Actions	SUITE 825 545 Washington Blvd.		CHICAGO Jersey City	IL 60654 NJ 07310
KCG Americas LLC KEYBANK NA/FBO TREASURER OF STATE OF	SCOTT MACDONALD	VICE PRESIDENT	4900 TIEDEMAN ROAD	OH-01-49-310	BROOKLYN	OH 44144
KEYBANK NA/FBO TREASURER OF STATE OF OHIO KEYBANK NATIONAL ASSOCIATION	SCOTT MACDONALD	VICE PRESIDENT	4900 TIEDEMAN ROAD	OH-01-49-310	BROOKLYN	OH 44144
KEYBANK NATIONAL ASSOCIATION KEYBANK SAFEKEEPING	RAYMOND HANNAN 4900 TIEDEMAN ROAD	4900 TIEDEMAN ROAD	OH-01-49-0240	_	BROOKLYN BROOKLYN	OH 44144 OH 44144
KEYBANK SAFEKEEPING	RAYMOND HANNAN	4900 TIEDEMAN ROAD	OH-01-49-0240		BROOKLYN	OH 44144
KGS-ALPHA CAPITAL MARKETS, L.P.	CORPORATE ACTIONS	601 LEXINGTON AVE	44TH FLOOR		NEW YORK	NY 10022
KOONCE SECURITIES LLC KOONCE SECURITIES INC	G. SOHAN CORPORATE ACTIONS	6550 ROCK SPRING DR. 6229 EXECUTIVE BLVD	SUITE 600		BETHESDA ROCKVILLE	MD 20817 MD 20852-3906
	MICHAEL MC CALLEY	141 WEST JACKSON BLVD	SUITE 130A			
LAKESIDE BANK LAURENTIAN BANK OF CANADA/CDS**	MICHAEL MC CAULEY FRANCESCA MAIORINO	141 WEST JACKSON BLVD 1981 MCGILL COLLEGE AVE	SUITE 100		CHICAGO MONTREAL	IL 60604 QC BCAH3A 3K3 CANADA
LAW DEBENTURE TRUST COMPANY OF NEW YORK	JAMES JONES	400 MADISON AVENUE	SUITE 4D		NEW YORK	NY 10017
LBI-LEHMAN GOVERNMENT SECURITIES INC LBI-LEHMAN GOVERNMENT SECURITIES INC	JAMES GARDINER ED CALDERON	70 HUDSON ST 70 HUDSON ST			JERSEY CITY JERSEY CITY	NJ 07302 NJ 07302
LEEDE FINANCIAL MARKETS INC./CDS**	JANUSZ KOWAI SKI	1140 WEST PENDER STREET	SUITE 1800		VANCOUVER	BC V6E 4G1 CANADA
LEEDE FINANCIAL MARKETS INC./CDS** LEEDE JONES GABLE INC./CDS** LEHDAN BROTHERS INC./DBAYE LOW VOLAT	JANUSZ KOWALSKI ANDRE VERDERAME	1140 WEST PENDER STREET 70 HUDSON ST 7TH FL	SUITE 1800		VANCOUVER	BC V6E 4G1 CANADA BC V6E 4G1 CANADA NJ 07302
LEHMAN BROTHERS INC./DRAKE LOW VOLAT LEHMAN BROTHERS INC./EQUITY FINANCE	ANDRE VERDERAME ANDRE VERDERAME	70 HUDSON ST 7TH FL VICE PRESIDENT	101 HUDSON STREET	31ST FLOOR	JERSEY CITY JERSEY CITY	NJ 07302 NJ 07302
LEHMAN BROTHERS INC./FFTW MULTI-STRA	ANDRE VERDERAME	VICE PRESIDENT	70 HUDAON STREET	7TH FLOOR	JERSEY CITY	N.I 07302
LEHMAN BROTHERS INC./FIRST CARIBBEAN	EDWARD CALDERON	70 HUDSON			JERSEY CITY JERSEY CITY	NJ 07302 NJ 07302
LEHMAN BROTHERS INC./FIRST CARIBBEAN	ANDRE VERDERAME	VICE PRESIDENT	70 HUDSON STREET	7TH FLOOR	JERSEY CITY	NJ 07302
LEHMAN BROTHERS INC./FIRST PRINCIPLE I EHMAN BROTHERS INC./ING PROPRIETARY	ANDRE VERDERAMR ANDRE VERDERAME	VICE PRESIDENT VICE PRESIDENT	70 HUDSON STREET 70 HUDSON STREET	7TH FLOOR	JERSEY CITY JERSEY CITY	NJ 07302 NJ 07302
LEHMAN BROTHERS INC./MILLENNIUM PART	ANDRE VERDERAME	VICE PRESIDENT	70 HUDSON STREET	7TH FLOOR 7TH FLOOR	JERSEY CITY	NJ 07302 NJ 07302
LEHMAN BROTHERS INC./NAYAN CAPITAL LEHMAN BROTHERS INC./ONE WILLIAM STR	ANDRE VERDERAME ANDRE VERDERAME	70 HUDSON ST VICE PRESIDENT	7TH LOOR	7TH FLOOR	JERSEY JERSEY CITY	NJ 07302 NJ 07302
LEHMAN BROTHERS INC./ONE WILLIAM STR LEHMAN BROTHERS INC./R3 CAPITAL PART	LEONARD BELVEDERE	VICE PRESIDENT ASSISTANT VICE PRESIDENT	70 HUDSON STREET 70 HUDSON STREET	7TH FLOOR 7TH FLOOR	JERSEY CITY JERSEY CITY	NJ 07302 NJ 07302
LEHMAN BROTHERS INC./RCG PB-JV	ANDRE VERDERAME	VICE PRESIDENT	70 HUDSON STREET	7TH FLOOR	JERSEY CITY	NJ 07302
LEHMAN BROTHERS INC./THE 3D CAPITAL LEHMAN BROTHERS INC./THE DRAKE OFFSHORE	ANDRE VERDERAME	VICE PRESIDENT	70 HUDSON ST 7TH FL	7TH FI	JERSEY CITY	NJ 07302 NJ 07302
LEHMAN BROTHERS INC./THE DRAKE OFFSHORE LEHMAN BROTHERS INC/ING PROPRIETARY	ANDRE VERDERAME ANDRE VENDERAME	VICE PRESIDENT VICE PRESIDENT	70 HUDSON ST 70 HUDSON STREET	7TH FL 7TH FLOOR	JERSEY CITY JERSEY CITY	NJ 07302 NJ 07302
LEHMAN BROTHERS, INC.	IIM GARDINER	REORG	70 HUDSON	THITEOOK	JERSEY CITY	NJ 07302
LEK SECURITIES CORPORATION	CORPORATE ACTIONS	ONE LIBERTY PLAZA	52nd Floor		NEW YORK	NY 10006
LEK SECURITIES CORPORATION LEK SECURITIES CORPORATION	CORPORATE ACTIONS	DANIEL HANUKA	140 BROADWAY	29TH FLOOR	NEW YORK NEW YORK	NY 10005
LIGHT HOUSE INVESTORS	DANIEL HANUKA ATTN: MARILYN FLEURY	CORPORATE ACTIONS	29TH FLOOR 1431 E LA COSTA DRIVE		CHANDLER	NY 10005 AZ 85249-8592
LOMBARD ODIER TRANSATLANTIC.	LIMITED PARTNERSHIP	NICOLE LEDUC	1000 SHERBROOK STREET WEST	SUITE 2200	MONTREAL	QC H3A 3R7 CANADA
LOMBARD ODIER TRANSATLANTIC, LIMITED	ALDO CARLOMUSTO	1000 SHERBROOK STREET WEST	SUITE 2200		MONTREAL SAN ERANGISCO	PQ H3A 3R7 CANADA CA 94103
LOYAL3 SECURITIES INC.	CORPORATE ACTIONS Corporate Actions	P.O. Box 26027 Kristin Kennedy	9785 Towne Centre Drive	+	SAN FRANCISCO San Diego	CA 02121-1968
Lpl Financial Corporation LPL FINANCIAL CORPORATION Mr FINANCE LLC/STOCK LOAN	CORPORATE ACTIONS ATTN CORPORATE ACTIONS	JACQUI TEAGUE ; KRISTIN KENNEDY 200 N LASALLE STREET	1055 LPL WAY		San Diego FORT MILL	SC 29715 IL 60601
M1 FINANCE LLC/STOCK LOAN MACDOUGALL, MACDOUGALL & MACTIER INC	ATTN CORPORATE ACTIONS JOYCE MILLETT	200 N LASALLE STREET PLACE DU CANADA, SUITE 2000	SUITE 800		CHICAGO	IL 60601 QC H3B 4J1 CANADA
MACDOUGALL, MACDOUGALL & MACTIER INC MACKIE RESEARCH CAPITAL CORPORATION/	JOYCE MILLETT TONY RODRIGUES	PLACE DU CANADA, SUITE 2000 SUPERVISOR	199 BAY STREET	COMMERCE COURT WEST, SUITE 4600	MONTREAL TORONTO	QC H3B 4J1 CANADA ON M5I 1G2 CANADA
MACKIE RESEARCH CAPITAL CORPORATION/ MACKIE RESEARCH CAPITAL CORPORATION/CDS**	ATTN: VISHNU SANTHAKUMAR	199 BAY STREET	COMMERCE COURT WEST, SUITE 4600	SOMINICION GOOK! WEST, SUITE 4600	TORONTO	ON M5L 1G2 CANADA ON M5L 1G2 CANADA NY 10019
MACQUARIE CAPITAL (USA) INC.	CORP ACTIONS	125 WEST 55TH STREET	23RD FLOOR		NEW YORK	NY 10019
MACQUARIE CAPITAL (USA) INC/MATCHED BOOK MANUFACTURERS & TRADERS TRUST COMPANY	NUHRAAN JAKOET MUNITRADING/SAFEKEEPING	125 WEST 55TH STREET RONALD SMITH	23RD FLOOR	TREASURY OPERATIONS	NEW YORK BUFFALO	NY 10019
MANUFACTURERS AND TRADERS TRUST CO	MUNITRADING/SAFEKEEPING WILMINGTON TRUST/IPA	SAM HAMED	ONE M&T PLAZA, 3RD FLOOR 1100 NORTH MARKET STREET 1100 NORTH MARKET STREET	INCADURT OPERATIONS	WILMINGTON	NY 14203 DE 19890-0001
MANUFACTURERS AND TRADERS TRUST CO/W	SHAWN LUCEY	RODNEY SQUARE NORTH	1100 NORTH MARKET STREET		WILMINGTON	DE 19801
MANUFACTURERS AND TRADERS TRUST COMP MANUFACTURERS AND TRADERS TRUST COMPANY	SUSAN GRANT TONY LAGAMBINA	STATE STREET BANK AND TRUST COMPANY, ONE M&T PLAZA-8TH FLOOR	61 BROADWAY		NEW YORK	NY 10006
MANUFACTURERS AND TRADERS TRUST COMPANY/COMMERCIAL LOANS	TONY LAGAMBINA CORPORATE ACTIONS	ONE M&T PLAZA-8TH FLOOR ONE M&T PLAZA. 3RD FLOOR		+	BUFFALO BUFFALO	NY 14203 NY 14203
MANUFACTURERS AND TRADERS TRUST COMPANY/IPA	TONY LAGAMBINA	ONE M&T PLAZA-8TH FLOOR			BUFFALO	NY 14203
MANULIFE SECURITIES INCORPORATED/CDS	JOSEPH CHAU SECURITIES OPERATIONS	MANAGER PO BOX 1700 RPO LAKESHORE WEST	85 RICHMOND STREET WEST		TORONTO	ON ON 500000 CANADA
MANULIFE SECURITIES INCORPORATED/CDS** MAPLE SECURITIES - FP	SECURITIES OPERATIONS MARK ELLIOTT	PO BOX 1700 RPO LAKESHORE WEST 79 WELLINGTOMN ST WEST	+		OAKVILLE TORONTO	ON L6K 0G7 CANADA ON M5K IK7 CANADA
MARKET OF OCCUPATION OF THE	MARK ELLIOTT	79 WELLINGTOWN ST WEST	1	1	TORONTO	ON M5K IK7 CANADA
		MANAGER	79 WELLINGTON STREET WEST		TORONTO	ON M5K 1K7 CANADA
MAPLE SECURITIES CANADA I IMITED/CDS**	JEFF CARR				TORONTO TORONTO	ON M5K 1K7 CANADA
MAPLE SECURITIES CANADA I IMITED/CDS**		79 WELLINGTON STREET WEST				ON MEK 4K7
MAPLE SECURITIES CANADA LIMITEDICDS** MAPLE SECURITIES U.S.A. INC. MAPLE SECURITIES U.S.A. INC DOMESTIC.	MARK ELLIOTT MARK ELLIOTT	79 WELLINGTON STREET WEST 79 WELLINGTON STREET WEST	79 WELLINGTOWN ST WEST		TORONTO	ON M5K 1K7 CANADA ON M5K 1K7 CANADA ON M5K 1K7 CANADA ON M5K 1K7 CANADA
MAPLE SECURITIES CANADA LIMITEDICDS** MAPLE SECURITIES U.S.A. INC. MAPLE SECURITIES U.S.A. INC DOMESTIC MAPLE SECURITIES U.S.A. INC DOMESTIC MAPLE SECURITIES US.A. INC. CUSTODY MAPLE SECURITIES USA INC. CUSTODY MARKETAXESS CORPORATION	MARK ELLIOTT MARK ELLIOTT MARK ELLIOT ATTN: CORPORATE ACTIONS	79 WELLINGTON STREET WEST 79 WELLINGTON STREET WEST SUPERVISOR 55 Hudson Yards	79 WELLINGTOMN ST WEST Floor 15		TORONTO NEW YORK	ON M5KIK7 CANADA NY 10001
MAPLE SECURITIES CANADA LIMITEDICOS" MAPLE SECURITIES U.S.A. INC. MAPLE SECURITIES U.S.A. INC. MAPLE SECURITIES U.S.A. INC DOMESTIC MAPLE SECURITIES U.S.A. INC DOMESTIC MAPLE SECURITIES U.S.A. INC. INC DOMESTIC MARKETAKESS CORPARTION MARKETAKESS CORPARTION MARKETAKESS CORPORATION MARK	MARK ELLIOTT MARK ELLIOTT MARK ELLIOT ATTN: CORPORATE ACTIONS Mark Kadison	79 WELLINGTON STREET WEST 79 WELLINGTON STREET WEST SUPERVISOR 55 Hudson Yards 101 FisionPower Parkway	Floor 15		TORONTO NEW YORK Roseland	ON M5KIK7 CANADA NY 10001 NJ 07068
MAPLE SECURITIES CANADA LIMITERICOS" MAPLE SECURITIES U.S.A. INC. MAPLE SECURITIES U.S.A. INC DOMESTIC MAPLE SECURITIES U.S.A. INC DOMESTIC MAPRICE SECURITIES U.S.A. MC. INC. ODMESTIC MAPRICE SECURITIES U.S.A. MC. INC. ODMESTIC MARKET RUSS CORPERATION MARKET RUSS C. COMPANY MARKET RUSS C. COMPANY	MARK ELLOTT MARK ELLOTT MARK ELLOT ATTN: CORPORATE ACTIONS Mark Kadson (2)C MACHOL & JOHANNES P.C.	79 WELLINGTON STREET WEST 79 WELLINGTON STREET WEST SUPERVISOR 55 Hudson Yards 101 Elsenhower Parkway ATTN SUPANIE WAS TERS	Floor 15 250 N SUNNY SLOPE RD	STE 300	TORONTO NEW YORK Roseland BROOKFIELD	ON M5KIK7 CANADA NY 10001 NJ 07068 WJ 53005,4824
MAPLE SECURITIES CANADA LIMITEDICOS" MAPLE SECURITIES U.S.A. INC. MAPLE SECURITIES U.S.A. INC. DOMESTIC MAPLE SECURITIES U.S.A. INC. DOMESTIC MAPRICE SECURITIES U.S.A. INC. JOSTODY MARRICETAKESS CORPURATION MARICE DEMONSTRATE MARICE DEMONSTR	MARK ELLIOTT MARK ELLIOTT MARK ELLIOTT MARK ELLIOT ATTIN: CORPORATE ACTIONS Mark Kadison CO MACHOL 8. JOHANNES PC AUS Signahany Hernandez CORPORATE ACTIONS	79 WELINGTON STREET WEST 79 WELINGTON STREET WEST SUPERVISOR SHUSON YARD 101 Elsenhower Parkway ATTN SUZANNE WALTERS 100 Demanest Drive 25 DE WAYO 359	Floor 15 250 N SUNNY SLOPE RD Proxy Center PISOS 8-9-10 FLOORS	STE 300	TORONTO NEW YORK Roseland BROOKFIELD Wayne BUENOS AIRES	ON M5KIK7 CANADA NY 10001 NJ 07068 WI 53005-4824 NJ 07470 C1002ABG ARGENTINA
MAPLE SCLIPITIES CANADA LIMITEDICOS** MAPLE SECLIPITIES U.S.A. INC. MAPLE SECLIPITIES U.S.A. INC. MAPLE SECLIPITIES U.S.A. INC. DOMESTIC MAPLE SECLIPITIES U.S.A. INC. LODGESTIC MARKETAXESS CORPORATION MARKETAXESS CORPORATION MARKET MARKET LOPPARIDON Tradeup MATEXI TRUST COMPANY MERICADO DE VALORES DE BUENOS AIRES S.A. MERCHADO DE VALORES DE BUENOS AIRES S.A. MERCHANT CARTITAL I.I.C.	MARK ELLOTT MARK ELLOT MARK ELLOT MARK ELLOT MARK ELLOT MARK ELGOT MARK RABBON MARK RABBON CO MACHOL, 8. JOHANNES PC CO MACHOL, 8. JOHANNES PC CORPORATE ACTIONS ESLINDAW MISSON, OPERATIONS MANAGER BELINDAW MISSON, OPERATIONS	79 WELLINGTON STREET WEST 79 WELLINGTON STREET WEST SUPERVISOR SHIDDON YARDS 101 Eisenbrower Parkway ATTR. SUZAMEN WAITERS 225 DE MAYO 359 226 DE MAYO 359 260 EAST CHASELANE	Floor 15 250 N SUNNY SLOPE RD Proxy Center PISOS 8-9-10 FLOORS LAKEVIEW CENTER SUITE 400	STE 300	TORONTO NEW YORK Roseland BROOKFIELD Wayne BUENOS AIRES MONTGOMERY	ON M5KIK7 CANADA NY 10001 NJ 07068 WI 53005-4824 NJ 07470 C1002ABG ARGENTINA AI 38177
MAPLE SECURITIES - UK MAPLE SECURITIES CANADA LIMITEDICOS** MAPLE SECURITIES U.S.A. INC. MAPLE SECURITIES U.S.A. INC. MAPLE SECURITIES U.S.A. INC. DOMESTIC MAPLE SECURITIES U.S.A. INC. CONSISTIC MARKET ALESS COMPORATION MASCO INVESTIGATION MASCO INVE	MARK ELLIOTT MARK ELLIOTT MARK ELLIOTT MARK ELLIOT ATTIN: CORPORATE ACTIONS Mark Kadison CO MACHOL 8. JOHANNES PC AUS Signahany Hernandez CORPORATE ACTIONS	79 WELINGTON STREET WEST 79 WELINGTON STREET WEST SUPERVISOR SHUSON YARD 101 Elsenhower Parkway ATTN SUZANNE WALTERS 100 Demanest Drive 25 DE WAYO 359	Floor 15 250 N SUNNY SLOPE RD Proxy Center PISOS 8-9-10 FLOORS	STE 300	TORONTO NEW YORK Roseland BROOKFIELD Wayne BUENOS AIRES	ON M5KIK7 CANADA NY 10001 NJ 07068 WI 53005-4824 NJ 07470 C1002ABG ARGENTINA



Name MERRILL LYNCH PIERCE FENNER & SMITH	CHRIS WIEGAND Attention	VICE PRESIDENT Address 1	Address 2 4804 DEAR LAKE DR E	Address 3	JACKSONVILLE	State Zip Country FL 32246 NJ 07302
MERRILL LYNCH PIERCE FENNER & SMITH MERRILL LYNCH PIERCE FENNER & SMITH INC -MLIM	MICHAEL NIGRO GLOBAL SECURITIES FINANCING INTERNATIONAL	101 HUDSON STREET MICHAEL NIGRO	101 HUDSON STREET		JERSEY CITY	NJ 07302 NJ 07302
MERRILL LYNCH PROFESSIONAL CLEARING	RAYMOND HANNAN	KEYBANK SAFEKEEPING	4804 DEER LAKE DR E		JACKSONVILLE	FL 32246
MERRILL LYNCH PROFESSIONAL CLEARING CORP.	EARL WEEKS	4804 DEER LAKE DR E	4804 DEER LAKE DR. E		JACKSONVILLE	FL 32246
MERRILL LYNCH, PIERCE FENNER & MERRILL LYNCH, PIERCE FENNER & SMITH	SMITH INCSECURITIES LENDING EARL WEEKS	EARL WEEKS C/O MERRILL LYNCH CORPORATE ACTIONS	4804 DEER LAKE DR. E. 4804 DEER LAKE DR. E.		JACKSONVILLE JACKSONVILLE	FL 32246 FL 32246
Merrill Lynch, Pierce, Fenner & MERRILL LYNCH, PIERCE, FENNER & SMIT	Smith Incorporated	Earl Weeks VICE PRESIDENT	4804 Dear Lake Dr E		Jacksonville JERSEY CITY	FL 32246
MERRILL LYNCH, PIERCE, FENNER & SMIT MERRILL LYNCH, PIERCE, FENNER & SMITH	CARLOS GOMEZ ANTHONY STRAZZA	101 HUDSON STREET	101 HUDSON STREET 7TH FLOOR		NEW JERSEY	NJ 07302 NJ 07302
MERRILL LYNCH, PIERCE, FENNER & SMITH	STOCKLOAN HEDGE ACCOUNT	CARLOS GOMEZ	101 HUDSON STREET		JERSEY CITY	NJ 07302
MERRILL LYNCH, PIERCE, FENNER & SMITH MERRILL LYNCH PIERCE FENNER & SMITH INCORPORATED/671 MI PE&	CHRISTINE PEARSON CORPORATE ACTIONS	RAYMOND JAMES & ASSOCIATES, INC./RAY 4804 DEFRI AKE DR F	P.O. BOX 14407		ST. PETERSBURG JACKSONVILLE	FL 33733 FI 32246
MERRILL LYNCH, PIERCE, FENNER & SMITH INCORPORATED/671 MLPF& MERRILL LYNCH, PIERCE, FENNER & SMITH INCORPORATED/5TOCK LOAN	CORPORATE ACTIONS CORPORATE ACTIONS	4804 DEERLAKE DR. E. 101 HUDSON STREET			JERSEY CITY	FL 32246 NJ 07302
MERRILL LYNCH, PIERCE, FENNER & SMITH, INC FOREIGN SECURITY LENDING MESIROW FINANCIAL	ANTHONY STRAZZA ATTN: CORPORATE ACTIONS, DEBORAH LYNE	101 HUDSON STREET 353 N. CLARK ST.	7TH FLOOR		NEW JERSEY CHICAGO	NJ 07302 IL 60654
MESIROW FINANCIAL MESIROW FINANCIAL	ATTN: JOHN O'SHEA	353 NO. CLARK ST.			CHICAGO	IL 60654
MESIROW FINANCIAL, INC. MF GLOBAL INC. MF GLOBAL INC. MF GLOBAL INC.MF G	JONATHAN STANISLAW	353 NORTH CLARK STREET 717 5TH AVENUE			CHICAGO NEW YORK	IL 60654 NY 10022
MF GLOBAL INC./MFL	JIM ARENELLA JAMES ARENELLA	MANAGER	717 FIFTH AVENUE		NEW YORK NEW YORK	NY 10022 NY 10022
MF GLOBAL INC./STOCK LOAN	JAMES ARENELLA	MANAGER 717 FIETH AVENUE	717 FIFTH AVENUE		NEW YORK	NY 10022 NY 10022
MF GLOBAL INC/CHICAGO MG TRUST COMPANY	SUZANNE WALTERS	VICE PRESIDENT	250 N SUNNY SLOPE RD	STE 300	BROOKEJEJ D	WI 53005-4824
MID ATLANTIC TRUST COMPANY	CORPORATE ACTIONS	1251 WATERFRONT PLACE	SUITE 510		PITTSBURGH NEW YORK	PA 15222
MIRAE ASSET SECURITIES (USA) INC./STOCK LOAN CONDUIT ACCOUNT MIRAE ASSET SECURITIES (USA), INC.	CORPORATE ACTIONS	810 7th Avenue, 37th Floor 810 7th Avenue, 37th Floor			New York	NY 10019 NY 10019
MITSUBISHI UFJ SECURITIES (USA), INC.	CORPORATE ACTIONS 420 FIFTH AVENUE	1633 BROADWAY			NEW YORK	NY 10019
MITSUBISHI UFJ TRUST & BANKING CORPO MITSUBISHI UFJ TRUST & BANKING CORPO	EDWARD CAPLETTE	6TH FLOOR VICE PRESIDENT	1221 AVENUE OF THE AMERICAS	10TH FLOOR	NEW YORK NEW YORK	NY 10018 NY 10022
MITSUBISHI UFJ TRUST & BANKING CORPO	RICHARD WENSKOSKI	420 FIFTH AVENUE	6TH FLOOR		NEW YORK	NY 10018
MITSUBISHI UFJ TRUST & BANKING CORPORATION, MITSUBISHI UFJ TRUST & BANKING CORPORATION.	NEW YORK BRANCH/STOCK LOAN NEW YORK BRANCH	RICHARD WENSKOSKI RICHARD WENSKOSKI	420 FIFTH AVENUE 420 FIFTH AVENUE	6TH FLOOR 6TH FLOOR	NEW YORK NEW YORK	NY 10018 NY 10018
MITSUBISHI UFJ TRUST & BANKING CORPORATION.	NEW YORK BRANCH/AFFILIATE	RICHARD WENSKOSKI	420 FIFTH AVENUE	6TH FLOOR	NEW YORK	NY 10018
MITSUBISHI UFJ TRUST AND BANKING CORPORATION, NEW YORK BRANCH/ MIZUHO BANK (USA)	ATTN: CORPORATE ACTIONS ROBERT DIMICK	420 FIFTH AVENUE 135 WEST 50TH STREET	6TH FLOOR 16TH FLOOR		NEW YORK NEW YORK	NY 10018 NY 10020
MIZUHO BANK LTD. NEW YORK BRANCH	RAMON ROSARIO	1800 PLAZA TEN		<u> </u>	JERSEY CITY	NJ 07311
MIZUHO RANK LTD. NEW YORK RRANCH/IPA	RAMON ROSARIO	HARBORSIDE FINANCIAL CENTER	1800 PLAZA TEN		JERSEY CITY	N.I. 07311
MIZUHO SECURITIES USA LLC MIZUHO SECURITIES USA LLC/	OPERATIONS MIZUHO CAPITAL MARKETS LLC	111 RIVER STREET CORPORATE ACTIONS	111 RIVER STREET	- 	HOBOKEN HOBOKEN	NJ 07030 NJ 07030
	MIZUHO CAPITAL MARKETS LLC - EQUITIES ATTN: CORPORATE ACTIONS	CORPORATE ACTIONS 111 RIVER STREET	111 RIVER STREET		HOBOKEN	NJ 07030
MIZUHO SECURITIES USA LLC/MIZUHO MARKETS CAYMAN MIZUHO SECURITIES USA LLC/MIZUHO MUNICIPAL HOLDINGS, LLC	ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS	111 RIVER STREET 111 RIVER STREET			HOBOKEN HOBOKEN	07030 NJ 07030
MIZUHO SECURITIES USA/FIXED INCOME	RICH VISCO	DIRECTOR	111 RIVER STREET	SUITE 1100	HOBOKEN	N.I 07030
MIZUHO SECURITIES/SECURITIES FINANCE MIZUHO TRUST & BANKING CO (USA)	RICH VISCO / GREG RAIA SECURITY LENDING	111 RIVER STREET RICH VISCO	SUITE 1100 111 RIVER STREET	SUITE 1100	HOBOKEN HOBOKEN	NJ 07030 NJ 07030
MIZUHO TRUST & BANKING CO. (USA)	ROBERT DIMICK	135 WEST 50TH STREET	16TH FLOOR	SOITE 1100	NEW YORK	NY 10020
MONTE TITOLI - S.P.A. MORGAN STANLEY & CO LLC/SL CONDUIT	Attn Corporate Actions DAN SPADACCINI	Piazza Degli Affari 6 Milano 901 SOUTH BOND ST	6TH FL		BALTIMORE	20123 Italy MD 21231
Morgan Stanley & Co. International P	Dan Spadaccini	901 South Bond St	6th FI		Baltimore	MD 21231
Morgan Stanley & Co. International P MORGAN STANLEY & CO. INTERNATIONAL PLC/MORGAN STANLEY BANK A.G. MORGAN STANLEY & CO. INTERNATIONAL PLC/MORGAN STANLEY BANK A.G.	MANSUR PRESIDENT	25 CABOT SQUARE CANNARY WHARF 1300 THAMES ST	5TH FLOOR		LONDON BALTIMORE	E14 4QA UNITED KINGDOM MD 21231
MORGAN STANLEY & CO. INTERNATIONAL PLC/MSIP DTC OTC MARGIN NON RE-HYPE	ATTN: CORPORATE ACTIONS	901 SOUTH BOND ST	6TH FL		BALTIMORE	MD 21231 MD 21231
MORGAN STANLEY & CO. INTERNATIONAL PLC/MSIP DTC OTC MARGIN RE-HYPE	ATTN: CORPORATE ACTIONS	901 SOUTH BOND ST	6TH FL			MD 21231
MORGAN STANLEY & CO. LLC MORGAN STANLEY & CO. LLC/ SL CONDUIT	MANSUR PRESIDENT DAN SPADACCINI	1300 THAMES STREET 901 SOUTH BOND ST	5TH FL 6TH FL		BALTIMORE BALTIMORE	MD 21231 MD 21231
MORGAN STANLEY & CO. LLC/III MORGAN STANLEY & CO. LLC/III	DAN SPADACCINI DAN SPADACCINI	901 SOUTH BOND STREET	6TH FLOOR		BALTIMORE BALTIMORE	MD 21231 MD 21231
	DAN SPADACCINI Corporate Actions	901 SOUTH BOND ST 901 South Bond St	6TH FLOOR		BALTIMORE Baltimore	MD 21231 MD 21231
Morgan Stanley & Co. LLC/International PLC MORGAN STANLEY & CO. LLC/IC DERIVATIVE MARGIN COLLATERAL	Corp Actions ATTN: CORPORATE ACTIONS	1300 Thames Street	7th Floor		Baltimore	MD 21231
MORGAN STANLEY & CO. LLC/OTC DERIVATIVE MARGIN COLLATERAL MORGAN STANLEY BANK N.A.	ATTN: CORPORATE ACTIONS GI ENN PIZER	901 SOUTH BOND ST EXECUTIVE DIRECTOR	6TH FL ONE LITAH CENTER	201 MAIN STREET	BALTIMORE SALT LAKE CITY	MD 21231
MORGAN STANLEY BANK N.A.	GLENN PIZER	EXECUTIVE DIRECTOR	ONE PIERREPONT PLAZA	OPERATIONS/SETTLEMENTS	BROOKLYN	UT 84111 NY 11201
MORGAN STANLEY PRIVATE BANK MORGAN STANLEY PRIVATE BANK,	NATIONAL ASSOCIATION#2 NATIONAL ASSOCIATION	1300 THAMES STREET CORP ACTION	7TH FLOOR 1300 THAMES STREET	7TH FLOOR	BALTIMORE BALTIMORE	MD 21231 MD 21231
MORGAN STANI FY PRIVATE BANK NATIONA	GOLDMAN JONATHAN	MANAGER	919 NORTH MARKET STREET	71H FLOOR	WILMINGTON	MD 21231 DE 19801
MORGAN STANLEY PRIVATE BANK, NATIONAL MORGAN STANLEY PRIVATE BANK, NATIONAL ASSOCIATION/ MSPBNA CIO	MARY JOUBERT	VICE PRESIDENT	919 NORTH MARKET STREET		WILMINGTON	DE 19801
Morgan Stanley Smith Ramey LLC	ATTN: CORPORATE ACTIONS John Barry	901 SOUTH BOND ST 1300 Thames St	6TH FL 6th Floor		Baltimore	MD 21231 MD 21231
MORGAN STANLEY SMITH BARNEY LLC/FPL MUFG SECURITIES AMERICAS INC.	JOHN BARRY JOSEPH CATANIA	1300 THAMES ST	6TH FLOOR 1633 BROADWAY		BALTIMORE	MD 21231
MUFG SECURITIES AMERICAS INC. MUFG SECURITIES AMERICAS INC./STOCK LOAN	JOSEPH CATANIA CORPORATE ACTIONS	ASSOCIATE 1221 Avenue of the Americas	1633 BROADWAY		NEW YORK	MD 21231 NY 10019 NY 10020-1001
MUEG SECURITIES EMEA PLC	ATTN: CORPORATE ACTIONS	1633 BROADWAY				NY 10019
MUFG SECURITIES EMEA PLC/MUFGLAB MUFG UNION BANK, N.A.	ATTN: CORPORATE ACTIONS C/O CORPORATE ACTIONS CLAIMS MANAGEMENT	1633 BROADWAY 1555 N RIVERCENTER DR	STE 302		NEW YORK	NY 10019 NY 10019 WI 53212-3958
MUFG UNION BANK, N.A. MUFG UNION BANK, N.A. MUFG UNION BANK, N.A.	MAGGIBOUTELLE	1555 N RIVERCENTER DR	STE 302 STE 302 STE 302		MILWAUKEE MILWAUKEE	WI 53212-3358
MUFG UNION BANK, N.A. MUFG UNION BANK, N.A. (CAPITAL MARKETS	MAGGI BOUTELLE CARLETTA MIZELI	1555 N RIVERCENTER DR 445 S. FIGUEROA STREET	STE 302 G21-101		MILWAUKEE LOS ANGELES	WI 53212-3358 WI 53212-3958 CA 90071
MUFG UNION BANK, N.A./CORPORATE TRUST/IPA	CORA SERRANO	VICE PRESIDENT	120 SOUTH SAN PEDRO STREET	SUITE 410	LOS ANGELES	CA 90012
MUFG UNION BANK, N.A./MMI/PIMS/IPA	C/O CORPORATE ACTIONS CLAIMS MANAGEMENT	C/O CORPORATE ACTIONS CLAIMS MANAGEMENT	11121 CARMEL COMMONS BLVD.	STE. 370	CHARLOTTE	NC 28226-4561
MUFG UNION BANK, N.A./MMI/PIMS/IPA Muriel Siebert & Co., Inc.	MAGGI BOUTELLE	1555 N RIVERCENTER DR 15 Exchange Place Suite 800	S1E 302		MILWAUKEE Jersev Citv	WI 53212-3958 NY 07302
Muriel Siebert & Co., Inc. MURIEL SIEBERT & CO., INC. #2		15 Exchange Place Suite 800 15 EXCHANGE PLACE SUITE 800			Jersey City JERSEY CITY	NY 07302 NY 07302
NASDAQ BX, INC. NASDAQ EXECUTION SERVICES LLC/OPTION	VINCENT DIVITO VINCENT DIVITO	DIRECTOR DIRECTOR	ONE LIBERTY PLAZA 165 BROADWAY	51ST. FLOOR 51ST FLOOR	NEW YORK NEW YORK	NY 10006 NY 10006
NASDAQ EXECUTION SERVICES, LLC	CORPORATE ACTIONS	ONE LIBERTY PLAZA		3.511255.1	NEW YORK	NY 10006
NASDAO EXECUTION SERVICES LLC	VINCENT DIVITO VINCENT DIVITO	32 OLD SLIP	10TH FLOOR ONE LIBERTY PLAZA	51ST. FLOOR	NEW YORK NEW YORK	NY 10005 NY 10006
NASDAQ OMX BX, INC. NASDAQ OMX PHLX LLC NASDAQ OMX PHLX LLC NASDAQ TOCK MARKET LLC/OMNIBUS ACCOUNT	VINCENT DIVITO VIN DIVITO VINCENT DIVITO	1900 MARKET STREET		3101. FLOOR	PHILADELPHIA	NY 10006 PA 19103 NY 10006
NASDAQ STOCK MARKET LLC/OMNIBUS ACCOUNT	VINCENT DIVITO ANNIE MAH	DIRECTOR ASSISTANT VICE PRESIDENT	ONE LIBERTY PLAZA 85 RICHMOND STREET WEST		NEW YORK	NY 10006 ON ON 500000 CANADA
NATIONAL BANK FINANCIAL INC. #2/CDS* NATIONAL BANK OF CANADA FINANCIAL INC.	ANNIE MAH CORPORATE ACTIONS	ASSISTANT VICE PRESIDENT 1155 METACALFE	85 RICHMOND STREET WEST 5TH FLOOR		TORONTO MONTREAL	QC H3B 4S9 CANADA
National Financial Services LLC	Joanne Padarathsign	499 Washington Blvd			Jersey City	NJ 07310
National Financial Services LLC National Financial Services LLC	Peter Closs Corp Actions	499 Washington Blvd. 200 Seaport Blvd. Z1B			Jersey City Boston	NJ 07310 MA 02210
National Financial Services LLC NATIONAL FINANCIAL SERVICES LLC/STOC	Corp Actions MICHAEL FORTUGNO	200 Seaport Blvd, Z1B 499 WASHINGTON BLVD	FL 5		JERSEY CITY	MA 02210 NJ 07310-2010
NATIONAL FINANCIAL SERVICES LLC/STOCK LOAN NATIONAL FINANCIAL SERVICES/ FIDELITY AGENCY LENDING	CORPORATE ACTIONS ATTN: CORPORATE ACTIONS	200 Seaport Boulevard, Z1B 499 WASHINGTON BLVD.			BOSTON JERSEY CITY	MA 02210
NATIONAL SECURITIES CLEARING CORPORA	KEVIN BRENNAR	55 WATER STREET	22ND FLOOR	<u> </u>	NEW YORK	NJ 07310 NY 10041
NATIONAL SECURITIES CLEARING CORPORATION	SCC DIVISION	KEVIN BRENNAR	55 WATER STREET	22ND FLOOR	NEW YORK	NY 10041
NATIXIS SECURITIES AMERICAS LLC NATWEST MARKETS SECURITIES INC.	TOM RUGGIERO ISSUER SERVICES	1251 AVE OF THE AMERICAS-5TH FLOOR C/O BROADRIDGE	51 MERCEDES WAY		NEW YORK EDGEWOOD	NY 10020 NY 11717
NATWEST MARKETS SECURITIES INC.	JEFF BLACK	600 WASHINGTON BOULEVARD			STAMFORD	CT 06901
NATWEST MARKETS SECURITIES INC./FIXE NBCN INC. #2/CDS**	JEFF BLACK ANNIE MAH	600 WASHINGTON BOULEVARD ASSISTANT VICE PRESIDENT	85 RICHMOND STREET WEST		STAMFORD TORONTO	CT 06901 ON ON500000 CANADA
NBCN INC./CDS**	ANNA MEDEIROS	CORPORATE ACTIONS	1010 RUE DE LA GAUCHETIERE ST WEST	SUITE 1925	MONTREAL	QC H3B 5J2 CANADA
NBT BANK, NATIONAL ASSOCIATION/DRS NEEDHAM AND COMPANY LLC	HOLLY CRAVER ATTN: MATTHEW F. DE NICOLA	20 MOHAWK STREET CORPORATE ACTIONS	445 PARK AVENUE		CANAJOHARIE NEW YORK	NY 13317 NY 10022
Nomura Securities International, Inc.	c/o Adp Proxy Services	Issuer Services	51 Mercedes Way			NY 10022 NY 11717 NY 10019-1774
NOMURA SECURITIES INTERNATIONAL, INC.	ADRIAN ROCCO	309 WEST 49TH STREET	10TH FLOOR		Edgewood NEW YORK	NY 10019-1774
NOMURA SECURITIES/FIXED INCOME	ADRIAN ROCCO	CORPORATE ACTIONS	309 W. 49TH STREET	10TH FL	NEW YORK	NY 10019-7316



Nama	Mantion	Address	Address 2	Address 3	Cit.	Ctata 7in	Country
NOMURA SECURITIES/FIXED INCOME	DAN LYNCH	VICE PRESIDENT	Address 2 2 WORLD FINANCIAL CENTER	Address 3 BLDG B	NEW YORK	State Zip NY 10281	Country
NORTH TOWER 6TH FLOOR		200 BAY ST ROYAL BK PLAZA			TORONTO	ON M5J 2W7	CANADA
NORTHERN TRUST COMPANY NORTHERN TRUST COMPANY - SAFEKEEPING	OCH-ZIFF CAPITAL MANAGEMENT ASHLEY R HARRISON	PENNY PETERSON SUE STIMAC	50 S.LASALLE STREET 50 SOUTH LASALLE STREET, LEVEL A		CHICAGO CHICAGO	IL 60675	
NORTHERN TRUST COMPANY - SAFEKEEPING	SUE STIMAC	50 SOUTH LASALLE STREET LEVEL A			CHICAGO	II 60675	
NORTHERN TRUST COMPANY/FUTURE FUND ACCOUNTS	PENNY PETERSON PENNY PETERSON	SENIOR VICE PRESIDENT 50 S.LASALLE STREET	50 S.LASALLE STREET		CHICAGO CHICAGO	IL 60675 IL 60675	
NORTHERN TRUST COMPANY/IPA NORTHERN TRUST COMPANY/UNITED NATION	JOE SWANSON	VICE PRESIDENT	801 S CANAL C-IN		CHICAGO	IL 60675	
NSCC CONTROL ACCT. #3	WALLACE BOWLING	55 WATER STREET	22ND FLOOR		NEW YORK	NY 10041	
NSI STOCK I ENDING	CORPORATE ACTIONS	309 W 49th St			NEW YORK	NY 10019 NY 10281	
NSI STOCK LENDING NUVEEN SECURITIES, LLC	HERNAN SANCHEZ MIKE THOMS	2 WORLD FINANCIAL CENTER 333 WEST WACKER DRIVE, 32ND FLOOR	19TH FLOOR, BLDG B		NEW YORK CHICAGO	NY 10281 IL 60606	
NYSE ARCA INC	NADINE PURDON	VICE PRESIDENT	115 SANSOME ST		SAN FRANCISCO	CA 94104	
OCC CFTC 1.20 FUTURES CUSTOMER SEGREGATED	OMNIBUS ACCOUNT	MARGIN OMNIBUS ACCOUNT	One North Wacker Drive	Suite 500	CHICAGO	CA 94104 IL 60606	
OCC CLEARING FUND OCC INTERNAL NON-PROPRIETARY CROSS MARGIN CFTC ODLUM BROWN LIMITED/CDS**	CORP ACTION 1.20 FUTURES CUSTOMER SEGREGATED OMNIBUS ACCOUNT	ONE NORTH WACKER DRIVE ONE NORTH WACKER DRIVE	SUITE 500 SUITE 500		CHICAGO CHICAGO	IL 60606 IL 60606	
ODLUM BROWN LIMITED/CDS**	RON RAK	SUPERVISOR	250 HOWE STREET	SUITE 1100	VANCOUVER	BC V6C 3SBC	CANADA
OLD SECOND BANCORP. INC/DRS	ROBIN HODGSON	37 S. RIVER STREET			AURORA	IL 60506	
ONE M&T PLAZA, 3RD FLOOR Oppenheimer & Co. Inc.	RONALD SMITH Attn: Corporate Actions	TREASURY OPERATIONS 85 Broad Street			BUFFALO New York	NY 14203 NY 10004	
Oppenheimer & Co. Inc.		85 Broad Street			New York	NY 10004	
OPTIONS CLEARING CORPORATION (THE)	JOSEPH T. WEGESIN	1 N. WACKER DRIVE, SUITE 500			CHICAGO	IL 60606	
OPTIONSXPRESS, INC. OPTIONSXPRESS INC	SCOTT TORTORELLA ATTN: PROXY SERVICES	150 SOUTH WACKER DRIVE 150 S WACKER DRIVE	11TH FLOOR SUITE 1100		CHICAGO	IL 60606 IL 60606	
DETIONS/CRESS, INC. PAXOS TRUST COMPANY, LLC PENSCO TRUST COMPANY	CORPORATE ACTIONS ATTN: PETAL YOUNG		SUITE 3952		NEW YORK	NY 10017 CO 80202	
PENSCO TRUST COMPANY		450 LEXINGTON AVENUE 1560 BROADWAY STREET	SUITE 400		DENVER	CO 80202	
PENSCO TRUST COMPANY LLC PEOPLE'S SECURITIES, INC.	HOLLY NICKERSON CORPORATE ACTIONS	SUPERVISOR PATRICIA CHONKO	560 MISSION STREET 850 MAIN STREET	SUITE 1300	SAN FRANCISCO BRIDGEPORT	CA 94105	
	Joseph Lavara	One Pershing Plaza	850 MAIN STREET		lersey City	CT 06604 NJ 07399	
Pershing LLC PERSHING LLC	ATTN: REGAN PAI MER	CORPORATE ACTIONS	ONE PERSHING PLAZA	10TH FLOOR	Jersey City JERSEY CITY	N.I. 07200	
PERSHING LLC/CLIENT FINANCING PERSHING LLC/CORRESPONDENT SECURITIES LENDING	CORPORATE ACTIONS ISSUER SERVICES	ONE PERSHING PLAZA 51 MERCEDES WAY			JERSEY CITY EDGEWOOD	NJ 07399 NY 11717	
PERSHING LLC/SI	ISSUER SERVICES ISSUER SERVICES	51 MERCEDES WAY 51 MERCEDES WAY			EDGEWOOD EDGEWOOD	NY 11717 NY 11717	
PERSHING LLC/SL INT'L PETERS & CO. LIMITED/CDS**	CAMILLE REARDON	ONE PERSHING PLAZA, 6TH FLOOR			JERSEY CITY	NJ 07399	
PETERS & CO. LIMITED/CDS**	C/O IICC	MS. HOLLY BENSON	6250 KESTREL ROAD		MISSISSAUGA	ON L5T 1Y9	CANADA
Phillip Capital Inc. PHILLIP CAPITAL INC./STOCK LOAN	Attn: Corporate Actions ATTN: CORPORATE ACTIONS	141 W Jackson Blvd 141 W JACKSON BLVD	Suite 3050, Chicago Board of Trade Building SUITE 3050, CHICAGO BOARD OF TRADE BUILDING	+	Chicago CHICAGO	IL 60604 IL 60604	
PLEINANCIAL CORP /CDS**	IROB MCNEII	666 BURRARD STREET	SUITE 3050, CHICAGO BOARD OF TRADE BUILDING SUITE 1900		VANCOUVER	BC V6C 3NBC	CANADA
PICTET CANADA L.P./CDS**	STEPHANIE SALVO	1000 DE LA GAUCHETIERE OUEST			VANCOUVER MONTREAL	PQ H3B 4W5	CANADA
PIPER JAFFRAY & CO. PNC BANK N.A./PNC CAPITAL MARKETS LLC	ANNAMARIA HERNANDEZ JUANITA NICHOLS	800 NICOLLET MALL 8800 TINICUM BLVD	SUITE 800 MAILSTOP F6-F266-02-2		MINNEAPOLIS PHILADELPHIA	MN 55402-7020 PA 19153	
PNC BANK NA/PNC COMMODITY HEDGING LLC	JUANITA NICHOLS ANTHONY PICCIRILLI	8800 TINICUM BLVD FIFTH & WOOD STREET	MAILS I UP F6-F206-U2-2	1	PHILADELPHIA PITTSBURGH	PA 19153 PA 15219	
PNC BANK, N.A/HPRS	ROBERT HALLOWELL	800 TINICUM BLVD			PHILADELPHIA	DA 404E2	
PNC BANK, N.A.HPRS PNC BANK, N.A.JMARKET STREET FUNDING	ROBERT HALLOWELL SANDY MUDD	800 TINICUM BLVD VICE PRESIDENT	O AO CIETI LA VENIUE	P1-POPP-09-2	PHILADELPHIA PITTSRI IRGH	PA 19153 PA 15222	
PNC BANK, N.A./MARKET STREET FUNDING PNC BANK, N.A./OTTA	SANDY MUDD ROBERT HALLOWELL	VICE PRESIDENT 800 TINICUM BLVD	249 FIFTH AVENUE	P1-POPP-09-2	PHILADEI PHIA	PA 15222 PA 19153	
PNC BANK, N.A/PITTSBURGH	BARBARA SKWARCHA	ONE PNC PLAZA, 9TH FLOOR	249 5TH AVENUE		PITTSBURGH	PA 15222-7707	
PNC BANK, N.A./PNC CAPITAL MARKETS LLC MSFTA	JUANITA NICHOLS	8800 TINICUM BLVD	MAILSTOP F6-F266-02-2		PHILADELPHIA	PA 19153	
PNC BANK, NATIONAL ASSOCIATION	JUANITA NICHOLS	8800 TINICUM BLVD	MAILSTOP F6-F266-02-2		PHILADELPHIA	PA 19153	
PINC BANK/PINC MUNICIPAL STRATEGY - BLK PORTFOLIO BROKERAGE SERVICES, INC.	JUANITA NICHOLS VALI NASR	8800 TINICUM BLVD 555 17TH STREET	MAILSTOP F6-F266-02-2		PHILADELPHIA DENVER	PA 19153 CO 80802	
PORTFOLIO BROKERAGE SERVICES, INC.	CORPORATE ACTIONS	35 East Wacker Drive	24th Floor		CHICAGO	IL 60601	
PRECISION SECURITIES, LLC	CORP ACTIONS	2010 JIMMY DURANTE BLVD	STE 270		DEL MAR	CA 92014-2272	
PRECISION SECURITIES, LLC	CORP ACTIONS ATTN: CORPORATE ACTIONS	2010 JIMMY DURANTE BLVD 11 HIGH STREET	#2/0		DEL MAR DES MOINES	CA 92014 IA 50392	
PRINCIPAL BANK PRIVATE CLIENT SERVICES LLC PUBLIC VENTURES, LLC	ATTN: KATIE BURKHOLDER ATTN CORPORATE ACTIONS	CORPORATE ACTIONS 14135 MIDWAY ROAD	2225 LEXINGTON ROAD SUITE G-150		LOUISVILLE ADDISON	KY 40206 TX 75001	
PUBLIC VENTURES, LLC	ATTN CORPORATE ACTIONS	14135 MIDWAY ROAD	SUITE G-150		ADDISON	TX 75001	
PUTNAM INVESTMENTS BITTAIAM INVESTOR SERVICES INC (DDS	JEFF DIBUONO - C1C	100 FEDERAL STREET ONE POST OFFICE SQUARE	MAIL STOP A16		BOSTON BOSTON	MA 02110 MA 02109	
PUTNAM INVESTOR SERVICES, INC./DRS PWMCO, LLC	BENJAMIN WILSON	311 S. WACKER DRIVE. SUITE 2360	MAIL STOP ATO		CHICAGO	IL 60606	
QTRADE SECURITIES INC./CDS**	JOSEPH CHAU	SUITE 1920 ONE BENTALL CENTRE	505 BURRARD STREET		VANCOUVER	IL 60606 BC V7X 1M6	CANADA
Quantex Clearing, LLC	Matthew Lagnese MATTHEW LAGNESE	70 Hudson St. Suite 5B 70 HUDSON ST. SUITE 5B			Hoboken HOBOKEN	NJ 07030 NJ 07030	
QUANTEX CLEARING, LLC/STOCK LOAN QUESTRADE INC./CDS**	CORPORATE ACTIONS	5650 YONGE STREET	SUITE 1700		TORONTO	ON M2M 4G3	CANADA
RAYMOND JAMES & ASSOCIATES, INC	RAYMOND JAMES BANK	FICHTEL DAWN - ASSOCIATE	710 CARILLON PARKWAY		SAINT PETERSBURG	FL 33716	
RAYMOND JAMES & ASSOCIATES, INC / RA	FICHTEL DAWN	ASSOCIATE	710 CARILLON PARKWAY		SAINT PETERSBURG	FL 33716	
Raymond James & Associates, Inc. RAYMOND JAMES & ASSOCIATES, INC./RAYMOND JAMES TRUST COMPANY	Attn: Elaine Mullen CHRISTINE PEARSON	Corporate Actions P.O. BOX 14407	880 Carillon Parkway		St. Petersburg ST. PETERSBURG	FL 33716 FL 33733	
RAYMOND JAMES & ASSOCIATES, INC/FI	LINDA LACY	SUPERVISOR	800 CARILLON PARKWAY		SAINT PETERSBURG	FL 33716	
RAYMOND JAMES LTD./CDS**	CORPORATE ACTIONS	PO BOX 23558			ST PETERSBURG	FL 33742-3558	
RBC Capital Markets, LLC RBC Capital Markets, LLC	Steve Schafer Sr Shannon Jones	Associate 60 S 6th St - P09	60 S 6th St - P09		Minneapolis Minneapolis	MN 55402-4400 MN 55402-4400	
RBC CAPITAL MARKETS, LLC/RBCCM	MICHAEL FROMMER	VICE PRESIDENT	3 WORLD FINANCIAL CENTER	200 VESEY ST.	NEW YORK	NY 10281-8098	
RBC DOMINION SECURITIES INC./CDS**	KAREN OLIVERES	200 BAY STREET, 6TH FLOOR	DOVAL BANK DLAZA NODTH TOWER		TORONTO	ON M5J 2W7	CANADA
RBC DOMINION SECURITIES INC./CDS** RBC DOMINION SECURITIES INC./CDS**	PETER DRUMM PETER DRUMM	LORETTA VERELLI 200 BAY ST ROYAL BK PLAZA	CDS CLEARING AND DEPOSITORY SERVICES NORTH TOWER 6TH FLOOR	600 DE MAISONNEUVE QUEST	MONTREAL TORONTO	PQ H3A 3J2 ON M5J 2W7	CANADA CANADA
RBS SECURITIES INC.	JEFF BLACK	600 WASHINGTON BOULEVARD	MONTH TOWER STATE EOOR	1	STAMFORD	CT 06901	
RBS SECURITIES INC.	ISSUER SERVICES	51 MERCEDES WAY			EDGEWOOD	NY 11717	
RBS SECURITIES INC. / EQUITY FINANCE	JEFF BLACK	600 WASHINGTON BOULEVARD	SHITE 2002		STAMFORD	CT 06901 NY 10036	
RBS SECURITIES INC. / EQUITY FINANCE RCAP SECURITIES INC.	JEFF BLACK	600 WASHINGTON BOULEVARD 1211 AVENUE OF THE AMERICAS 250 RIVERCHASE PARKWAYEAST	SUITE 2902 5TH FLOOR		STAMFORD NEW YORK	CT 06901 NY 10036	
RBS SECURITIES INC. / EQUITY FINANCE RCAP SECURITIES, INC. REGIONS BANK REGIONS BANK	JEFF BLACK RYAN LYNCH ATTN: CORPORATE ACTIONS PEYTON DILIBERTO	600 WASHINGTON BOULEVARD 1211 AVENUE OF THE AMERICAS 250 RIVERCHASE PARKWAYEAST 1901 6TH AVENUE N.	5TH FLOOR		STAMFORD NEW YORK BIRMINGHAM	CT 06901 NY 10036 AL 35244 AL 35203	
RBS SECURITIES INC. / EQUITY FINANCE RCAP SECURITIES, INC. REGIONS BANK REGIONS BANK REGIONS BANK	JEFF BLACK RYAN LYNCH ATTN: CORPORATE ACTIONS PEYTON DILIBERTO ATTN: CORPORATE ACTIONS	600 WASHINGTON BOULEVARD 1211 AVENUE OF THE AMERICAS 250 RIVERCHASE PARKWAYEAST	STH FLOOR	STH FLOOR	STAMFORD NEW YORK BIRMINGHAM HOOVER	CT 06901 NY 10036 AL 35244 AL 35203 AL 35244	
RBS SECURITIES INC. / EQUITY FINANCE RCAP SECURITIES, INC. REGIONS BANK REGIONS BANK REGIONS BANKCORPORATE TRUST OPS/IPA REGIONS BANKCORPORATE TRUST OPS/IPA REGIONS BANKCORPORATE TRUST/IPA REGIONS BANKCORPORATE TRUST/IPA	JEFF BLACK RYAN LYNCH ATTN: CORPORATE ACTIONS PETMON LIBERATE ACTIONS MICHAEL CHANGLE ATTN: CORPORATE ACTIONS MICHAEL CHANGLE ATTN: CORPORATE ACTIONS	600 WASHINGTON BOULEVARD 1211 AVENUE OF THE AWERICAS 250 RIVERCHASE PARKWAYEAST 1901 GTH AVENUE N. 250 RIVERCHASE PARKWAYEAST MANAGER 250 RIVERCHASE PARKWAYEAST MANAGER 250 RIVERCHASE PARKWAYEAST	5TH FLOOR	STH FLOOR	STAMFORD NEW YORK BIRMINGHAM HOOVER HOOVER HOOVER	CT 06901 NY 10036 AL 35244 AL 35203	
RBS SECULHTIES INC. / FOUTTY FINANCE RCAP SECURITES, INC. REGIONS BANK REGIONS BANK REGIONS BANK/CORPORATE TRUST OPS/IPA REGIONS BANK/CORPORATE TRUST/IPA REGIONS BANK/CORPORATE TRUST/IPA REGIONS BANK/IPA REGIONS BANK/IPA	JEFF BLACK RYAN LYNCH ATTN: CORPORATE ACTIONS PEYTON DILIBERTO	600 WASHINGTON BOLILEVARD 1211 AVENUE OF THE AMERICAS 250 RIVERCHASE PARKWAYEAST 1901 GTH AVENUE N. 250 RIVERCHASE PARKWAYEAST MANAGER 250 RIVERCHASE PARKWAYEAST 1900 GTH AVENUE NORTH	5TH FLOOR 5TH FLOOR 250 RIVERCHASE PARKWAYEAST	STH FLOOR	STAMFORD NEW YORK BIRMINGHAM HOOVER HOOVER HOOVER BIRMINGHAM BIRMINGHAM	CT 06901 NY 10036 AL 35244 AL 35203 AL 35203 AL 35244 AL 35244 AL 35244 AL 35203	
RBS SECURITIES INC. / EQUITY FINANCE RCAP SECURITIES, INC. REGIONS BANK REGIONS BANKCORPORATE TRUST OPS/IPA REGIONS BANKCORPORATE TRUST OPS/IPA REGIONS BANKCORPORATE TRUST/IPA REGIONS BANKCORPORATE TRUST/IPA REGIONS BANKWEST VALLEY REGIONS BANKWEST VALLEY REGIONS BANKWEST VALLEY REGIONS BANKWEST VALLEY	JEFF BLACK RYMALUNDAM ATTIN CORPORATE ACTIONS PEYTON DIBERTO REPETON DIBERTO R	600 WASHINGTON BOULEVARD 1211 AVENUE OF THE AMERICAS 250 RIVERCHASE PARKWAYEAST 1901 GTH AVENUE N 250 RIVERCHASE PARKWAYEAST 250 RIVERCHASE PARKWAYEAST 250 RIVERCHASE PARKWAYEAST 1900 STH AVENUE NORTH 250 RIVERCHASE PARKWAYEAST 1900 STH AVENUE NORTH	5TH FLOOR 5TH FLOOR 250 RIVERCHASE PARKWAYEAST	STH FLOOR	STAMFORD NEW YORK BIRMINGHAM HOOVER HOOVER HOOVER BIRMINGHAM CANTON	CT 06901 NY 10036 AL 35244 AL 35203 AL 35244 AL 35244 AL 35244 AL 35244 AL 35244 AL 35203 NJ 02021	
RBS SECULATIES INC. / FOUTY FINANCE RCAP SECURITES, INC REGIONS BANK REGIONS BANK REGIONS BANK REGIONS BANKORPORATE TRUST OPSIPA REGIONS BANKOCORPORATE TRUSTIFIRA REGIONS BANKOCORPORATE TRUSTIFIRA REGIONS BANKOCORPORATE TRUSTIFIRA REGIONS BANKOCORPORATE TRUSTIFIRA REGIONS BANKOVEST VALLEY REGIONS BANKOVEST VALLEY REGIONS BANKOVEST VALLEY REGIONS COMPANY REST COMPANY REGIONS RELIANCE TRUST COMPANY IS TRUSTOESK	JEFF BLACK RYAN LYNCH ATTN: CORPORATE ACTIONS PEYTON DILBERTO ATTN: CORPORATE ACTIONS MICHAEL CHANGER ATTN: CORPORATE ACTIONS MICHAEL CHANGER ATTN: CORPORATE ACTIONS SHELLA PULLEY TONIE MONTGOMERY TONIE MONTGOMERY TONIE MONTGOMERY	600 WASHINGTON BOULEVARD 1211 AVENUE OF THE AMERICAS 250 RIVERCHASE PARKWAYEAST 1901 STH AVENUE N. 250 RIVERCHASE PARKWAYEAST 1001 STH AVENUE N. 250 RIVERCHASE PARKWAYEAST 1001 STH AVENUE NORTH 250 ROYAL STREET 201 171H STREET HW 1100 ABERNATHY ROAD	STH FLOOR STH FLOOR 250 RIVERCHASE PARKWAYEAST STH FLOOR SUITE 1000 SUITE 1000 S00 NORTHPARK BUILDING SUITE 400	STH FLOOR	STAMFORD NEW YORK BIRMINGHAM HOOVER HOOVER HOOVER BIRMINGHAM CANTON ATLANTA ATLANTA	CT 06901 NY 10036 AL 35244 AL 35203 AL 35244 AL 35244 AL 35244 AL 35244 AL 35244 AL 35203 NJ 02021 GA 30363 GA 30328	
RBS SECURITIES INC. / EQUITY FINANCE RCAP SECURITES, INC. REGIONS BANK REGIONS BANK REGIONS BANKOORPOPATE TRUST OPSIPA REGIONS BANKOORPOPATE TRUST //IPA REGIONS BANKOORPOPATE TRUST/IPA REGIONS BANKOORPOPATE TRUST/IPA REGIONS BANKOWEST VALLEY REGIONS BANKOWEST VALLEY REGIONS BANKOWEST VALLEY REGIONS BANKOWEST VALLEY REGIONS COMPANY FOR TRUSTOESK RELIANCE TRUST COMPANY FIRST TRUSTOESK RELIANCE TRUST COMPANY FIRST TRUSTOESK	JEFF BLACK RYAN LYNA ATTN: CORPORATE ACTIONS PEYTON DILIBERTO ATTN: CORPORATE ACTIONS MICHAEL CHANDLER ATTN: CORPORATE ACTIONS MICHAEL CHANDLER ATTN: CORPORATE ACTIONS SHELIA PULLEY TONIE MONTGOMERY TONIE MONTGOMERY TONIE MONTGOMERY CORPORATE ACTIONS	600 WASHINGTON BOLILEVARD 2111 AVENUE OF THE AMERICAS 250 RIVERCHASE PARKWAYEAST 1901 GTH AVENUE N. 250 RIVERCHASE PARKWAYEAST 1901 GTH AVENUE N. 250 RIVERCHASE PARKWAYEAST 1900 STH AVENUE NORTH 250 ROYALL STREET 250 ROYALL STREET 250 ROYALL STREET 251 RIVERCHASE PARKWAYEAST 1901 STHA SERVILE MORTH 1100 ABERNATHY ROAD 11101 ABERNATHY ROAD	STH FLOOR STH FLOOR 25 NRYENCHASE PARKWAYEAST STH FLOOR SUITE 1000 S00 NORTHPARK BULDING SUITE 400 S00 NORTHPARK BULDING SUITE 400		STAMFORD NEW YORK BIRMINGHAM HOOVER HOOVER HOOVER BIRMINGHAM CANTON ATLANTA ATLANTA	CT 06901 NY 10036 AL 35244 AL 35203 AL 35244 AL 35244 AL 35244 AL 35244 AL 35244 AL 35203 NJ 02021 GA 30363 GA 30328	
RBS SECURITIES INC. / EQUITY FINANCE RCAP SECURITES, INC. REGIONS BANK REGIONS BANK REGIONS BANKORPORATE TRUST OPSIPA REGIONS BANKOORPORATE TRUSTIPIA REGIONS BANKOVEST VALLEY REGIONS BAN	JEFF BLACK RYAN LYNCH ATTN: CORPORATE ACTIONS PEYTON DILBERTO ATTN: CORPORATE ACTIONS MCHAEL CHANDER ATTN: CORPORATE ACTIONS SHELLAP PULLEY TONIE MONTGOMERY TONIE MONTGOMERY CORPORATE ACTIONS CORPORATE ACTIONS CORPORATE ACTIONS CORPORATE ACTIONS	660 WASHINGTON BOLILEVARD 1211 AVENUE OF THE AMERICAS 250 RIVERCHASE PARKWAYEAST 1901 6TH AVENUE N. 250 RIVERCHASE PARKWAYEAST 1901 6TH AVENUE N. 250 RIVERCHASE PARKWAYEAST 1900 6TH AVENUE NORTH 250 ROYALL STREET 250 ROYALL STREET 1101 ASERNATHY BOAD 1110 ABERNATHY BOAD 1110 ABERNATHY BOAD 1110 AUGUNESS	STH FLOOR STH FLOOR 250 RIVERCHASE PARKWAYEAST STH FLOOR SUITE 1000 SUITE 1000 SOO NORTHPARK BUILDING SUITE 400 SOO NORTHPARK BUILDING SUITE 400 1100 ABERNATHY ROAD 1100 ABERNATHY ROAD	STH FLOOR S00 NORTHPARK BUILDING SUITE 400	STAMFORD NEW YORK BIRNINGHAM HOOVER HOOVER HOOVER GANTON ATLANTA ATLANTA ATLANTA ATLANTA	CT 06801 NY 10036 AL 35244 AL 35203 AL 35203 AL 35244 AL 35244 AL 35244 AL 35203 NJ 02021 GA 30363 GA 30328 GA 30328 GA 30328	
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SCOI IA CAPITAL (USA) INC. STOCK LOAN SCOITA CAPITAL INC. HOLLIS WEALTHCDS** SCOITA CAPITAL INC. HOLLIS WEALTHCDS** SCOITA CAPITAL INC. COSS** SCOITA CAPITAL INC. COSS SCOITA CAPITAL INC. COSS SCOITA CAPITAL INC. SCOITA CAPITAL INC. COSS SCOITA CAPITAL INC. CAPITAL INC. COSS SCOITA CAPITAL INC. CA	CORPORATE ACTIONS LILIAN NIE CORPORATE ACTIONS ISSUER SERVICES	250 Vesey Street 40 KING STREET W, 13TH FL CORPORATE ACTIONS				
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SCOTTRADE, INC. SCOTTRADE INC. SCOTT	ISSUER SERVICES		40 KING STREET W	23RD FLOOR	TORONTO	ON M5H1H1 CANADA
SCOTTRADE, INC. SCOTTRADE, INC. SECURITES FINANCE TRUST COMPANY SECURITES FINANCING TRANSACTION SECURITES INANCING TRANSACTION SECURITES LENDING SPO ACCOUNTIBBH SECURITES INANSEER CORPORATIONURS		LUISA DOMINGUES C/O BROADRIDGE	40 KING STREET W 51 MERCEDES WAY		TORONTO EDGEWOOD	ON M5H1H1 CANADA NY 11717
SECURITIES FINANCE TRUST COMPANY SECURITIES FINANCING TRANSACTION SECURITIES LENDING SPO ACCOUNT/BBH SECURITIES TRANSFER CORPORATION/DRS		12855 FLUSHING MEADOWS DR			ST. LOUIS	MO 63131
SECURITIES FINANCING TRANSACTION SECURITIES LENDING SPO ACCOUNT/BBH SECURITIES TRANSFER CORPORATION/DRS	ATTN: LEGAL DEPARTMENT CORPORATE ACTIONS	BETH VOGEL 175 FEDERAL STREET	PO BOX 31759 11TH FLOOR		SAINT LOUIS BOSTON	MO 63131-0759
SECURITIES LENDING SPO ACCOUNT/BBH SECURITIES TRANSFER CORPORATION/DRS	ATTN: CORPORATE ACTIONS	55 Water Street			New York	MA 02110 NY 10041
	DAVE JACOBSON	525 WASHINGTON BLVD	11TH FLOOR		NEW JERSEY	NJ 07310
ISei Private Trust Company	KEVIN HALTER, JR Eric Greene	2591 DALLAS PARKWAY One Freedom Valley Drive	SUITE 102		FRISCO Oaks	TX 75034 PA 19456
Sei Private Trust Company Sei Private Trust Company/c/o Gwp	Eric Greene Eric Greene	One Freedom Valley Drive One Freedom Valley Drive			Oaks	PA 19456 PA 19456
SEI PRIVATE TRUST COMPANY/C/O GWP SG AMERICAS SECURITIES LLC/ SUB 608	DIANA MASON CORPORATE ACTIONS	CORPORATE ACTIONS 630 FIFTH AVE	1 FREEDOM VALLEY DRIVE STE 500		OAKS NEW YORK	PA 19456 NY 10111
SG AMERICAS SECURITIES LLC/PARIS CLEARING	ERIC GREENE	ONE FREEDOM VALLEY DRIVE			OAKS	PA 19456 NY 10111
SG AMERICAS SECURITIES LLC/SUB 7357	SAM BUSHRUI	VICE PRESIDENT	630 FIFTH AVE	STE 500	NEW YORK	NY 10111
Sg Americas Securities, LLC SG AMERICAS SECURITIES, LLC	Paul Mitsakos CHARLES HUGHES	480 Washington Blvd. 480 WASHINGTON BLVD			Jersey City JERSEY CITY	NJ 07310 NJ 07310
SG AMERICAS SECURITIES, LLC/FOREIGN	PETER SCAVONE CORPORATE ACTIONS	1221 AVENUE OF THE AMERICAS	SLIIT 2400		NEW YORK	NY 10020 MO 63105
SOCIETE GENERALE CAPITAL CANADA INC.	GAETAN HEBERT	SUPERVISOR	1501 MCGILL COLLEGE	SUITE 1901	MONTREAL	PQ H3A 3M8 CANADA
SOCIETE GENERALE NY/SOCIETE GENERALE	JENNIFER CANNON	MANAGER		480 WASHINGTON BLVD	JERSEY CITY	NJ 07310
SOCIETE GENERALE NY/SOCIETE GENERALE PARIS SOCIETE GENERALE, NEW YORK BRANCH	JOHN RYAN KENNETH SHELDON	MANAGER 560 LEXINGTON AVENUE	480 WASHINGTON BLVD		JERSEY CITY NEW YORK	NJ 07310 NY 10022
SOCIETE GENERALE, NEW YORK BRANCH	CORPORATE ACTIONS	245 Park Ave			NEW YORK	NY 10167
SOFI SECURITIES, LLC SOLOWEY & CO.	ATTN: CORPORATE ACTIONS BARRY SOLOWEY	234 1st Street 9350 SOUTH DIXIE HIGHWAY	SUITE 2480		San Francisco MIAMI	CA 94105 FL 33156
SOUTH STREET SECURITIES LLC	DONALD WEBBE	825 THIRD AVENUE	35TH FLOOR		NEW YORK	NY 10022
SOUTH STREET SECURITIES LLC/IMS SOUTHWEST SECURITIES,INC./STOCK LOAN	ATTN: CORPORATE ACTIONS CHRISTINA FINZEN	825 THIRD AVENUE	35TH FLOOR SUITE 3700		NEW YORK DALLAS	NY 10022 TX 75270
SSB - BANK PORTFOLIO	ROBERT RAY	1776 HERITAGE DR.	GLOBAL CORPORATE ACTION UNIT JAB 5NW	+	NO. QUINCY	MA 02171
SSB - BANK PORTFOLIO	JOE CALLAHAN	1776 HERITAGE DR.	GLOBAL CORPORATE ACTION UNIT JAB 5NW		NO. QUINCY	MA 02171
SSB - Blackrock Institutional Trust SSB - Blackrock Institutional Trust	Linda Selbach Trina Estremera	45 Fremont Street 1776 Heritage Drive		-	San Francisco North Quincy	CA 94120-7101 MA 02171
SSB - CAPITAL MARKETS	ROBERT RAY	1776 HERITAGE DR.	GLOBAL CORPORATE ACTION UNIT JAB 5NW		NO QUINCY	MΔ 02171
SSB - TRUST CUSTODY Ssb&t Co/Client Custody Services	ED CHANEY Myriam Piervil	VICE PRESIDENT Assistant VIce President	1200 CROWN COLONY DRIVE 1776 Heritage Drive		QUINCY North Quincy	MA 02169 MA 02171
SSB&T/SEC FIN AS PRINCIPAL	MYRIAM PIERVIL	ASSISTANT VICE PRESIDENT	1776 HERITAGE DRIVE	1	NORTH QUINCY	MA 02171
SSB-PHYSICAL CUSTODY SERVICES	MIKE REARDON	225 FRANKLIN STREET	OOF FRANKLIN OTREET		BOSTON	MA 02110
SSB-PHYSICAL CUSTODY SERVICES STANDARD REGISTRAR & TRANSFER COMPAN	CHRISTINE SULLIVAN RONALD P HARRINGTON	BOSTON SECURITIES PROCESSING 12528 SOUTH 1840 EAST	225 FRANKLIN STREET		BOSTON DRAPER	MA 02110 UT 84020
State Street Bank & Trust Company STATE STREET BANK & TRUST COMPANY	Corp Action ISHARESEUROPE	225 Franklin Street MYRIAM PIERVIL - ASSISTANT VICE PRESIDENT	Mao-3 1776 HERITAGE DRIVE		Boston NORTH QUINCY	MA 02110 MA 02171
STATE STREET BANK & TRUST COMPANY STATE STREET BANK & TRUST COMPANY	ISHARESEUROPE LENDING PASS-THROUGH	MYRIAM PIERVIL - ASSISTANT VICE PRESIDENT RAY KARTANOWITZ	1776 HERITAGE DRIVE		JERSEY CITY	MA 02171 NJ 07302
STATE STREET BANK & TRUST COMPANY	PROXY SERVICES	1776 HERITAGE DRIVE	TOTTO DO ON OTTLE!		NORTH QUINCY	MA 02171
STATE STREET BANK & TRUST COMPANY / STATE STREET BANK & TRUST COMPANY/EC, GMBH	EMAIL PROXY CONTACT MYRIAM PIERVIL	1776 HERITAGE DRIVE 1776 HERITAGE DRIVE			NORTH QUINCY NORTH QUINCY	MA 02171 MA 02171
STATE STREET BANK & TRUST COMPANY/LE	RAY KARTANOWITZ	101 HUDSON STREET			JERSEY CITY	NJ 07302 MA 02105-1631
State Street Bank & Trust/State Stre	Joseph J. Callahan	Global Corp Action Dept Jab5W	P.O. Box 1631 P.O. Box 1631		Boston Boston	MA 02105-1631 MA 02105-1631
State Street Bank & Trust/State Street Totaletf State Street Bank and Trust Company	Global Corp Action Dept Jab5W Proxy Services	Robert Ray / Joseph J. Callahan Christine Sullivan: Jerry Parrilla			North Quincy	MA 02105-1631 MA 02171
State Street Bank and Trust Company STATE STREET BANK AND TRUST COMPANY	DB RESIDUAL PROCESSING ACCOUNT	Christine Sullivan; Jerry Parrilla THOMAS LANGELIER - VICE PRESIDENT	1776 Heritage Dr. 1776 HERITAGE DRIVE		NORTH QUINCY	MA 02171
STATE STREET BANK AND TRUST COMPANY STATE STREET BANK AND TRUST COMPANY	DEUTSCHE BANK FRANKFURT GLOBAL CORP ACTION DEPT JAB5W	KAREN T JOHNDROW ROBERT RAY	1776 HERITAGE DRIVE P.O. BOX 1631		NORTH QUINCY BOSTON	MA 02171
STATE STREET BANK AND TRUST COMPANY, N.A.	SUSAN GRANT	61 BROADWAY	P.O. BOX 1631		NEW YORK	MA 02105-1631 NY 10006 MA 02171
STATE STREET BANK AND TRUST COMPANY/ STATE STREET BANK AND TRUST COMPANY/IPA	KAREN T JOHNDROW SUSAN GRANT	1776 HERITAGE DRIVE 61 BROADWAY			NORTH QUINCY NEW YORK	
State Street Corp On Behalf of Hsbc	Wealth Manager Services	Corp Actions	1200 Crown Colony Drive		Quincy	NY 10006 MA 02169
STATE STREET GLOBAL MARKETS, LLC	SUSAN M. TAPPARO	VICE PRESIDENT	STATE STREET FINANCIAL CENTER	ONE LINCOLN STREET, SFC5	BOSTON	MA 02111-2900
State Street Trust STEPHENS INC.	T479 LINDA THOMPSON	Global Corporate Actions ASSISTANT VICE PRESIDENT	PO Box 1631 111 CENTER STREET	4TH FLOOR	Boston LITTLE ROCK	MA 02105-1631 AR 72201-4402
Sterne, Agee & Leach, Inc.	Ken Simpson, James Mezrano	2 Perimeter Park	Suite 100W		Birmingham BIRMINGHAM	AR 72201-4402 AL 35209 AL 35243
STERNE, AGEE & LEACH, INC. STIFEL, NICOLAUS & COMPANY, INC./STIFEL SECURITIES LENDING	ATTN: JUSTIN WOODHAM ATTN: STOCK RECORDS DEPT.	CORPORATE ACTIONS 501 N BROADWAY	2 PERIMETER PARK SOUTH	SUITE 100W	BIRMINGHAM ST. LOUIS	AL 35243 MO 63102
Stifel Nicolaus & Company Incorporated	c/o Mediant Communications	200 Regency Forest Drive	301 N BICOADWA1			NC 27518
Stifel, Nicolaus & Company, Incorporated STIFEL, NICOLAUS & COMPANY, INCORPORATED	Attn: Chris Wiegand ATTN: TINA SCHWEITZER	I501 N Broadway	501 N BROADWAY		St. Louis	MO 63102
	ATTN: TINA SCHWEITZER Attn: Corporate Actions, Loretta Racer	501 N BROADWAY 1900 St. James Place #120	501 N BROADWAY		ST. LOUIS Houston	MO 63102 TX 77056 MA 02110
Stockcross Financial Services, Inc. STOCKCROSS FINANCIAL SERVICES, INC.	Diane Tobey ATTN: USA BRUNSON	77 Summer Street 9378 WII SHIRE BLVD			Boston BEVERLY HILLS	MA 02110
STOCKCROSS FINANCIAL SERVICES, INC. STOCKCROSS FINANCIAL SERVICES, INC.#3	CORPORATE ACTIONS	9378 WILSHIRE BLVD 9378 WILSHIRE BLVD	STE 300 STE 300		BEVERLY HILLS BEVERLY HILLS	CA 90212-3168 CA 90212-3168
SUMITOMO MITSUI TRUST BANK (U.S.A.) LIMITED	BETH CUMMINGS	111 RIVER STREET			HOBOKEN	NJ 07030
SUNTRUST BANK SUNTRUST BANK / STB RETAIL CD	RICK TROWBRIDGE PAT SHELL	303 PEACHTREE STREET P.O. BOX 4418	14TH FL. MAIL CODE 3908		ATLANTA ATLANTA	GA 30308 GA 30302-4418
SUNTRUST BANK/SAFEKEEPING CUSTODIAN	PAT SHELL	P.O. BOX 4418	MAIL CODE 3908	+	ATLANTA	GA 30302-4418
SUNTRUST BANK/STES IPA SUNTRUST BANK/SUNTRUST BANK DEALER BANK	LAURA RICHARDSON	P.O. BOX 4418 303 PEACHTREE STREET	MAIL CODE 3907		ATLANTA ATLANTA	GA 30302-4418
SUNTRUST ROBINSON HUMPHREY, INC.	VERONICA JOHNSON SCOTT STEFFEN	303 PEACHTREE STREET 303 PEACHTREE STREET	25TH FLOOR 25TH FLOOR	+	ATLANTA ATLANTA	GA 30308 GA 30308
SWENEY CARTWRIGHT & COMPANY	CAROLYN WILLIAMS RUDY NEWMAN	17 SOUTH HIGH STREET 1 BROAD STREET	RM 300		COLUMBUS SUMTER	OH 43015
SYNOVUS BANK SYNOVUS BANK/SYNOVUS 2	RUDY NEWMAN RUDY NEWMAN	1 BROAD STREET 1 BROAD STREET			SUMTER SUMTER	SC 29150 SC 29150
TD Ameritrade Clearing, Inc.	Mandi Foster	1005 N. Ameritrade Place			Bellevue	NE 68005
TD Ameritrade Clearing, Inc. TD AMERITRADE CLEARING, INC.	Kevin Strine ATTN: CORP ACTIONS	4211 S. 102nd Street SUZANNE BRODD	200 S 108TH AVENUE	+	Omaha OMAHA	NE 68127 NE 68154
TD AMERITRADE CLEARING, INC./SECURITIES LENDING	ATTN: REORG DEPARTMENT	200 S 108TH AVENUE	ZJU S. 1001FI AVENUE	1	OMAHA	NE 68154 NE 68154
TD AMERITRADE CLEARING, INC./SECURITIES LENDING TD AMERITRADE TRUST COMPANY	KEVIN STRINE EASTER DIANE	4211 S. 102ND STREET 717 17TH STREET	SUITE 1700		OMAHA DENVER	NE 68127 CO 80202
TD AMERITRADE TRUST COMPANY TD PRIME SERVICES LLC/STOCK LOAN	EASTER DIANE ALFRED SCARANGELLO	717 17TH STREET 45 BROADWAY	SUITE 1700 24TH FLOOR	-	DENVER NEW YORK	CO 80202 NY 10006
TD PRIME SERVICES LLC/SUB	ATTN: CORPORATE ACTIONS	45 BROADWAY	24TH FLOOR		NEW YORK	NY 10002
TD SECURITIES (USA) LLC	ATTN: REORG DEPARTMENT ATTN: CORPORATE ACTIONS	200 S. 108TH AVENUE 200 S. 108TH AVENUE			OMAHA	NE 68154 NE 68154
TID SECURITIES (USA) IT C/PHYSICAL ACCOUNT	YOUSUE AHMED	77 BLOOR STREET WEST 411 THEODORE FREMD AVE	3RD FLOOR SUITE 132		TORONTO	ON M4Y 2T1 CANADA NY 10580
TD SECURITIES (USA) LLC/PHYSICAL ACCOUNT TD WATERHOUSE CANADA INC./CDS**	SHARON MARKLAND JANIE DOMINGUEZ	411 THEODORE FREMD AVE 208 F 10TH STREET	SUITE 132 ROOM 410		RYE AUSTIN	NY 10580 TX 78701
TD WATERHOUSE CANADA INC./CDS** TEMPER OF THE TIMES INVESTOR SERVICES, INC.		208 E. 10TH STREET	ROOM 410 ROOM 410	<u> </u>	AUSTIN	TX 78701
TD WATERHOUSE CANADA INC. (CDS** TEMPER OF THE TIMES INVESTOR SERVICES, INC. TEXAS TREASURY SAFEKEEPING TRUST COMPANY TEXAS TREASURY SAFEKEEPING TRUST COMPANY/IPA	JANIE DOMINGUEZ	208 E. 10TH STREET	ROOM 410		AUSTIN PITTSBURGH	TX 78701 TX 78701 PA 15259
TO WATERHOUSE CANADA INC/COS** TEMPER OF THE TIMES INVESTOR SERVICES, INC. TEXAS TREASURY SAFEKEEPING TRUST COMPANY TEXAS TREASURY SAFEKEEPING TRUST COMPANY/IPA TEXAS TREASURY SAFEKEEPING TRUST COMPANY/INPA TEXAS TREASURY SAFEKEEPING TRUST COMPANY/INIP	JANIE DOMINGUEZ	ZOO E. TOTTOTICET				
TD WATERHOUSE CANADA INC./CDS** TEMPER OF THE TIMES INVESTOR SERVICES, INC. TEXAS TREASURY SAFEKEEPING TRUST COMPANY TEXAS TREASURY SAFEKEEPING TRUST COMPANY/IPA	JANIE DOMINGUEZ MELLON/DBLPB-CENTAURUSPROXIMA FD	MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE 525 William Penn Place		Pittsburgh	PA 15259
TO WATERHOUSE CANADA INC./COS** FUMPER OF THE THISE SINVESTOR SERVICES, INC. TEXAS TREASURY SAFEKEEPING TRUST COMPANY TEXAS TREASURY SAFEKEEPING TRUST COMPANY/IPA TEXAS TREASURY SAFEKEEPING TRUST COMPANY/INJP TEXAS TREASURY SAFEKEEPING TRUST COMPANY/INJP TEXAS TREASURY SAFEKEEPING TRUST COMPANY/INJP THE BANK OF NEW YORK IGHON	JANIE DOMINGUEZ MELLON/DBLPB-CENTAURUSPROXIMA FD Charles Stanleyand Company, Limited Jennifer May	MICHAEL KANIA - VICE PRESIDENT Michael Kania - VIce President 525 William Penn Place	525 William Penn Place Suite 153-0400		Pittsburgh Pittsburgh	PA 15259 PA 15259
TO WATERHOUSE CANADA INC./COSP** TEMPER OF THE THISE SINVESTOR SERVICES, INC. TEXAS TREASURY SAFEKEPING TRUST COMPANY TEXAS TREASURY SAFEKEPING TRUST COMPANYIPA TEXAS TRUST COMPANYING TEXAS TRUST COMPANYING TEXAS TRUST COMPANYING THE BANK OF NEW YORK MEION THE BANK OF NEW YORK MEION	JANIE DOMINGUEZ MELLONUBELPS-CENTAURUSPROXIMA FD Charles Stanleyand Company, Limited Jennifer May Celeste Morris	MICHAEL KANIA - VICE PRESIDENT Michael Kania - Vice President 525 William Penn Place 50 Grant Street	525 William Penn Place Suite 153-0400 Room 151-2610	SUITE 152 0400	Pittsburgh Pittsburgh	PA 15259 PA 15259 PA 15259
TO WATERHOUSE CANADA INC./COS** TEMPER OF THE THISE SINESTOR SERVICES, INC. TEXAS TREASURY SAFEKEPING TRUST COMPANY TEXAS TREASURY SAFEKEPING TRUST COMPANYIPA TEXAS TRUST SAFEKEPING TRUST COMPANYIPA TEXAS TRUST COMPANY TO TRUST COMPANYIPA THE BANK OF NEW YORK MELION THE BANK OF NEW YORK MELION THE BANK OF NEW YORK MELION	JANIE DOMINGUEZ MELLONDBLPB-CENTAURUSPROXIMA FD Charles Stanleyand Company, Limited Jannifer May Celeste Morris MELLON TRST OF NEW ENGLAND, NATIONAL ASSOC. BZW SECURITIESUMTED	MICHAEL KANIA - VICE PRESIDENT Michael Kania - Vice President S25 William Penn Place S0 Grant Street CORP ACTIONS CORP ACTIONS	\$25 William Penn Place Suite 153-000 Room 151-2610 \$25 WILLIAM PENN PLACE \$25 WILLIAM PENN PLACE	SUITE 153-0400	Pittsburgh Pittsburgh Pittsburgh PITTSBURGH PITTSBURGH	PA 15259 PA 15259 PA 15259 PA 15259 PA 15259 PA 15259
TO WATERHOUSE CANADA INC/LOS** FUMPER OF THE TIMES INVESTOR SERVICES, INC. TEXAS TREASURY SAFEKEEPING TRUST COMPANY TEXAS TREASURY SAFEKEEPING TRUST COMPANYIPA TEXAS TREASURY SAFEKEEPING TRUST COMPANYINJP TEXAS TREASURY SAFEKEEPING TRUST COMPANYINJP TEXAS TREASURY SAFEKEEPING TRUST COMPANYINJP TE BABAK OF NEW YORK MBIOD THE BABAK OF NEW YORK MBIOD THE BABAK OF NEW YORK MBILLON THE BABAK OF NEW YORK MELLON THE BABAK OF NEW YORK MELLON	JANIE DOMINGUEZ MELLONDBLIPS-CENTAURUSPROXIMA FD Chafes Stanleyand Company, Limited Jennifer May Celeste Morris MELLON TRST OF NEW ENGLAND, NATIONAL ASSOC. BZW SECURITESUMITED HBK GLOBAL SECURITES UP HBK GLOBAL SECURITES UP	MICHAEL KANIA - VICE PRESIDENT Michael Karia - Vice President \$25 William Penn Place \$0 Grant Street CORP ACTIONS CORP ACTIONS CORP ACTIONS CORP ACTIONS	S25 William Penn Place Suite 153-0400 Room 151-2610 Room 151-2610 S25 WILLIAM PENN PLACE S25 WILLIAM PENN PLACE ONE WALL STREET	SUITE 153-0400	Pittsburgh Pittsburgh Pittsburgh PittsBURGH PITTSBURGH NEW YORK	PA 15259 NY 10286
TO WATERHOUSE CANADA INC./CDS** TEMPERO FT HE THISES INVESTOR SERVICES, INC. TEXAS TREASURY SAFEKEPING TRUST COMPANY TEXAS TREASURY SAFEKEPING TRUST COMPANYIPA TEXAS TO THE BANK OF NEW YORK MELION THE BANK OF NEW YORK MELION THE BANK OF NEW YORK MELLON	JANIE DOMINGUEZ MELI CNDBURP-CENTAURUSPROXIMA FD Chaefes Stanleyand Company, Limited Jannerier May Celeste Morris MELI ON TREST OF NEW ENGLAND, NATIONAL ASSOC. BZW SECURITES LIMITED HER GLOBAL SECURITES LIP WELLS FARGO BANK N.A. FILINATTON STRAFFICIS MORT FDI. P.	MICHAEL KANIA - VICE PRESIDENT Michael Kania - Vice President S25 William Penn Place S0 Grant Street CORP ACTIONS CORP ACTIONS	\$25 William Penn Place Suite 153-000 Room 151-2610 \$25 WILLIAM PENN PLACE \$25 WILLIAM PENN PLACE	SUITE 153-0400	Pittsburgh Pittsburgh Pittsburgh PITTSBURGH PITTSBURGH	PA 15259 PA 15259 PA 15259 PA 15259 PA 15259 PA 15259
TO WATERHOUSE CANADA INC./CDS** TEMPER OF THE TIMES INVESTORS ERVICES, INC. TEXAS TREASURY SAFEKEEPING TRUST COMPANY TEXAS TREASURY SAFEKEEPING TRUST COMPANYIPA TEXAS TREASURY SAFEKEEPING TRUST COMPANYIPA TEXAS TREASURY SAFEKEEPING TRUST COMPANYIND TEXAS TO THE BANK OF NEW YORK MELION	JANIE DOMINGUEZ MELLONDBLPD-CENT AURUSPROXIMA FD Charles Stanleyand Company, Limited Jannifer May Celeste Morries MELLON TRST OF NEW ENGLAND, NATIONAL ASSOC. BZW SECUNTIESLIMITED HEK OL OBAL SECUNTIES LP	MICHAEL KANIA - VICE PRESIDENT Mchael Kania - Viog President 925 William Penn Place 93 Grant Street CORP ACTIONS CORP ACTIONS CORP ACTIONS CORP ACTIONS DONNA STERNIAMA - VICE PRESIDENT	S25 William Penn Place Suite 153-0400 Room 151-2610 S25 WILLIAM PENN PLACE S25 WILLIAM PENN PLACE ONE WALL STREET ONE WALL STREET ONE WALL STREET	SUITE 153-0400	Pittsburgh Pittsburgh Pittsburgh Pittsburgh PITTSBURGH PITTSBURGH NEW YORK NEW YORK	PA 15259 PA 15259 PA 15259 PA 15259 PA 15259 PA 15259 NY 10286 NY 10286



Column	Name	Attention	Address 4	Address 2	Address 2	City	Cinto	7:	Country
Company Comp		ELLINGTON CREDIT OPPORTUNITIES LTD.	DONNA STEINMAN - VICE PRESIDENT	ONE WALL STREET	Address 3	NEW YORK	NY	10286	Country
April 1997 Apr			CORP ACTIONS			PITTSBURGH	PA	15259	
Company Comp							PA	15259 15250	
Column C	THE BANK OF NEW YORK MELLON	ELLINGTON MORTGAGE FUND SC. LTD.	DONNA STEINMAN - VICE PRESIDENT	ONE WALL STREET		NEW YORK	NY	10286	
Company Comp		CACEIS BANK DEUTSCHLAND GMBH	MICHAEL KANIA - VICE PRESIDENT			PITTSBURGH	PA	15259	
Second Column	THE BANK OF NEW YORK MELLON	VANGUARD BLOCKLENDING				ORLANDO PITTSRI IRGH	FL	32817 15250	
Company Comp	THE BANK OF NEW YORK MELLON	COUNTRYWIDE HOME LOANS	CORP ACTIONS	ONE WALL STREET		NEW YORK	NY	10286	
March Marc	THE BANK OF NEW YORK MELLON	TULLETT PREBORNFINANCIAL SERVICES		ONE WALL STREET		NEW YORK	NY	10286	
Company Comp		BARCLAYS CAPITAL SECURITIES LTD. SRUPR		525 WILLIAM PENN PLACE		PITTSRIJRGH	PΔ	15250	
Company Comp	THE BANK OF NEW YORK MELLON	DEUTSCHE BANK AG LONDON PRIME BROKERAGE	MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA	15259	
### Company of the Co		OZ ASIA MASTERFUND, LTD CUSTODY	MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA	15259	
Company Comp	THE BANK OF NEW YORK MELLON	NATIONAL AUSTRALIA BANK NATIVIS FINANCIAL PRODUCTS INC	MIKE SCARRY - ASSISTANT VICE PRESIDENT	ONE WALL STREET		NEW YORK	NY	10286	
Company Comp	THE BANK OF NEW YORK MELLON	DB BREVAN HOWARD MASTER FUND	MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA	15259	
Company of the Comp	THE BANK OF NEW YORK MELLON	SUNTRUST BANK PORTFOLIO	CORP ACTIONS	525 WILLIAM PENN PLACE		PITTSBURGH	PA	15259	
Company of the Comp	THE BANK OF NEW YORK MELLON THE BANK OF NEW YORK MELLON	MERRILL LYNCH PIERCE FENNER & SMITH BARCLAYS BANK PLC FIRM	DONNA STEINMAN - VICE PRESIDENT	ONE WALL STREET		NEW YORK NEW YORK	NY	10286 10286	
Company Comp	THE BANK OF NEW YORK MELLON	SOUTH STREET SECS, LLC	CORP ACTIONS	11486 CORPORATE BLVD	SUITE 300	ORLANDO	FL	32817	
Company Comp						PITTSBURGH	PA	15259	
Company Comp	THE BANK OF NEW YORK MELLON	SOCIETE GENERALE GIC	MIKE SCARRY - ASSISTANT VICE PRESIDENT	ONE WALL STREET		NEW YORK NEW YORK	NY	10286	
The content of the	THE BANK OF NEW YORK MELLON	ALLSTATE MARK TO MARKETS	CORP ACTIONS	525 WILLIAM PENN PLACE		PITTSBURGH	PA	15259	
Property	THE BANK OF NEW YORK MELLON	UBS AG LONDON BRANCH DESIGNED EQUITIES	CORP ACTIONS	525 WILLIAM PENN PLACE		PITTSBURGH	PA	15259	
Company Comp	THE BANK OF NEW YORK MELLON THE BANK OF NEW YORK MELLON	OZ SPECIAL FUNDING (OZMD) LP	MICHAEL KANIA - VICE PRESIDENT			PITTSBURGH	PA	15259	
### Common Commo	THE BANK OF NEW YORK MELLON	NATIXIS SECURITIES AMERICAS LLC I	MIKE SCARRY - ASSISTANT VICE PRESIDENT			NEW YORK	NY	10286	
The part of the part The part of th	THE BANK OF NEW YORK MELLON	DBAG LONDON GLOBAL MARKETS (CLIENT ACCT)	DONNA STEINMAN - VICE PRESIDENT	ONE WALL STREET		NEW YORK	NY	10286	
The part of the part The part of th	THE BANK OF NEW YORK MELLON THE BANK OF NEW YORK MELLON	BARCLAYS BK PLC-BARC LUX SARI A/C 1	MICHAEL KANIA - VICE PRESIDENT MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH	PA PA	15259	
The content of the	THE BANK OF NEW YORK MELLON	DBAG FRANKFURTGLOBAL MARKET	DONNA STEINMAN - VICE PRESIDENT	ONE WALL STREET		NEW YORK	NY	10286	
The Content of Conte	THE BANK OF NEW YORK MELLON	BOA SECURITIESLTD. (BASL)	MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA	15259	
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ADDITION OF COLUMN AND ADDITION OF COLUMN A	THE BANK OF NEW YORK MELLON	NOMURA BANK INT'L PLC	DONNA STEINMAN - ASSISTANT TREASURER	11486 CORPORATE BLVD	SUITE 300	ORLANDO	FL	32817	
Property Cold Birds Cold Bi	THE BANK OF NEW YORK MELLON	ANNALY COMMERCIAL REAL ESTATE GR.	DBAG LONDON GLOBAL MARKETS (CLIENT ACCT) - DONNA STEINMAN	ONE WALL STREET		NEW YORK	NY	10286	
Column C			DUNNA STEINMAN - VICE PRESIDENT CHIMERA SECURITIES HOLDING LLC - MICHAEL KANIA			NEW YORK PITTSBURGH	NY PA	10286	
Column C	THE BANK OF NEW YORK MELLON	TRADITION LONDON CLEARING LTD.	MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA	15259	
The content of the	THE BANK OF NEW YORK MELLON	DAVY SECURITIESLIMITED	MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA	15259	
Column C		ELLINGTON STRATEGIC MBS LP II	DONNA STEINMAM - VICE PRESIDENT	ONE WALL STREET		NEW YORK	NY DA	10286	
Column C	THE BANK OF NEW YORK MELLON	BANQUE DEWAAY MGT SA	MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA	15259	
The color of the		CDC HOLDINGS TRUST INC.	CORP ACTIONS	ONE WALL STREET		NEW YORK	NY	10286	
Company Comp	THE BANK OF NEW YORK MELLON	THE PRUDENTIALINVESTMENT	MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA DA	15259	
The Date of the Profession Country Profession	THE BANK OF NEW YORK MELLON	DRI -FIXED INCOME PRIME BROKERAGE	MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA	15259	
The Date of the Profession Country Profession	THE BANK OF NEW YORK MELLON	NOMURA FIN. PRODUCTS & SERVICES INC.	NOMURA FIN. PRODUCTS & SERVICES INC DONNA STEINMAN	11486 CORPORATE BLVD	SUITE 300	ORLANDO	FL	32817	
The Date of the Property of Control of Contr	THE BANK OF NEW YORK MELLON	DEUTSCHE BANK LONDON AG LONDON/GLOBAL MARKET #2		11486 CORPORATE BLVD		ORLANDO NEW YORK	FL	32817	
THE BOOK OF THE YORK WILLIAM STATES AND A STATE OF THE ST	THE BANK OF NEW YORK MELLON	CHIMERA RMBS WHOLE POOL LLC (F/K/A CIM ASSET HOLDING)	(F/K/A CIM ASSET HOLDING) - MICHAEL KANIA	525 WILLIAM PENN PLACE		PITTSBURGH	PA	15259	
The State of the York (ELLIC)	THE BANK OF NEW YORK MELLON	CHIMERA SPECIALHOLDING LLC	CHIMERA SPECIAL HOLDING LLC - MICHAEL KANIA	525 WILLIAM PENN PLACE		PITTSBURGH	PA	15259	
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THE BASK OF PROVIDENCE HOUSE COMPANY LICE COMPA	THE BANK OF NEW YORK MELLON THE BANK OF NEW YORK MELLON	ANNALY COMMERCIAL REAL ESTATE GR. DBAG LONDON GLOBAL MARKET	ANNALY COMMERCIAL REAL ESTATE GR DONNA STEINMAN DONNA STEINMAN - VICE PRESIDENT	ONE WALL STREET ONE WALL STREET		MEMPHIS	TN	10286 10286	
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THE BANK OF NEW YORK MELLON/DBTC	DEUTSCHE BK LONDON PRIME SEG 15/00	MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259
THE BANK OF NEW YORK MELLON/DBTC	AMERICAS/DEUTSCHE BK LONDON PRIME	MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259
THE BANK OF NEW YORK MELLON/DBTC AMERICAS THE BANK OF NEW YORK MELLON/DBTCA	DBAG LDN-GS CR. PORT LLC	MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH	PA 15259 PA 15259
THE BANK OF NEW YORK MELLON/DBTCA THE BANK OF NEW YORK MELLON/DBTCA	DB AG LONPB F&C GARNET MF LTD DB AG LONPB POLGON GLOP MFD	CORP ACTIONS CORP ACTIONS	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259 PA 15259
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THE BANK OF NEW YORK MELLON/DBTCA/DB AG	LDNPB-DEUTSCHE BANK NY	CORP ACTIONS	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259
THE BANK OF NEW YORK MELLON/DBTCA/DB AG LDNB	CHEYNE SPEC'L SIT FD	CORP ACTIONS	525 WILLIAM PENN PLACE			PA 15259
THE BANK OF NEW YORK MELLON/DBTCA/DB AG LDNPB	MULTI SEG CLEARANCE MIKE SCARRY	CORP ACTIONS	525 WILLIAM PENN PLACE		PITTSBURGH NEW YORK	PA 15259
THE BANK OF NEW YORK MELLON/DEALERWE THE BANK OF NEW YORK MELLON/DEALERWEB INC.	MIKE SCARRY	ASSISTANT VICE PRESIDENT ASSISTANT VICE PRESIDENT	ONE WALL STREET ONE WALL STREET			NY 10286 NY 10286
THE BANK OF NEW YORK MELLONDEPOSITA THE BANK OF NEW YORK MELLONDEPOSITA THE BANK OF NEW YORK MELLONDEUTSCHE	MICHAEL KANIA JENNIFER MAY	VICE PRESIDENT 11486 CORPORATE BLVD	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259
THE BANK OF NEW YORK MELLON/DEUTSCHE	JENNIFER MAY	11486 CORPORATE BLVD			ORLANDO	PA 15259 FL 32817
THE BANK OF NEW YORK MELLON/EARN CMO LLC	CORP ACTIONS	ONE WALL STREET			NEW YORK	NY 10286
THE BANK OF NEW YORK MELLON/EARN MORTGAGE LLC THE BANK OF NEW YORK MELLON/EARN SECURITIESLLC	CORP ACTIONS FARN SECURITIES LLC	ONE WALL STREET CORP ACTIONS	ONE WALL STREET		NEW YORK NEW YORK	NY 10286 NY 10286
THE BANK OF NEW YORK MELLON/EF CMO	DONNA STEINMAN	VICE PRESIDENT	ONE WALL STREET			NY 10286
THE BANK OF NEW YORK MELLON/EF CMO, LLC THE BANK OF NEW YORK MELLON/EF MORTG	DONNA STEINMAN DONNA STEINMAN	VICE PRESIDENT VICE PRESIDENT	ONE WALL STREET ONE WALL STREET		NEW YORK NEW YORK	NY 10286 NY 10286
THE BANK OF NEW YORK MELLON/EF MORTG	DONNA STEINMAN	VICE PRESIDENT	ONE WALL STREET		NEW YORK	NY 10286
THE BANK OF NEW YORK MELLON/EF MORTGAGE, LLC	DONNA STEINMAN	VICE PRESIDENT	ONE WALL STREET		NEW YORK	NY 10286
THE BANK OF NEW YORK MELLON/EF SECUR THE BANK OF NEW YORK MELLON/EF SECURITIES LLC	JENNIFER MAY CORP ACTIONS	VICE PRESIDENT VICE PRESIDENT	ONE WALL STREET ONE WALL STREET			NY 10286 NY 10286
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THE BANK OF NEW YORK MELLON/ELLINGTON SPECIAL	OPPORTUNITIES FUND, LTD.	CORP ACTIONS	ONE WALL STREET		NEW YORK	NY 10286
THE BANK OF NEW YORK MELLON/EQUITIES	FORTISBANK,LONDON	MICHAEL KANIA - VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259
THE BANK OF NEW YORK MELLON/E-TRADE THE BANK OF NEW YORK MELLON/EVOLUTION BEESON	JENNIFER MAY GREGORY LIMITED LIMITED - ACCOUNT #258688	ASSISTANT VICE PRESIDENT MICHAEL KANIA - VICE PRESIDENT	ONE WALL STREET 525 WILLIAM PENN PLACE		NEW YORK PITTSBURGH	NY 10286 PA 15259
THE BANK OF NEW YORK MELLON/FIFTH THIRD	JENNIFER MAY	ONE WALL STREET	525 WILLIAM PENN PLACE		NEW YORK	PA 15259 NY 10286
THE BANK OF NEW YORK MELLON/FIFTH THIRD BANK	CORP ACTIONS	ONE WALL STREET			NEW YORK	NY 10286
THE BANK OF NEW YORK MELLON/FIFTH THIRD BANK THE BANK OF NEW YORK MELLON/FMSBONDS	JENNIFER MAY	16 WALL STREET, 5TH FLOOR			NEW YORK	NY 10286 NY 10005
THE BANK OF NEW YORK MELLON/FMSBONDS, INC.	CORP ACTIONS	16 WALL STREET, 5TH FLOOR			NEW YORK	NY 10005
THE BANK OF NEW YORK MELLOWFSA	MIKE SCARRY	ASSISTANT VICE PRESIDENT	ONE WALL STREET		NEW YORK	NY 10286
THE BANK OF NEW YORK MELLON/GIB UK LTD CORPBOND THE BANK OF NEW YORK MELLON/HBK CDO TRUST	MICHAEL KANIA	VICE PRESIDENT VICE PRESIDENT	525 WILLIAM PENN PLACE 11486 CORPORATE BLVD	+	PITTSBURGH	PA 15259
THE BANK OF NEW YORK MELLON/HBK CDO TRUST THE BANK OF NEW YORK MELLON/HBK GLOB	CORP ACTIONS JENNIFER MAY	VICE PRESIDENT	ONE WALL STREET		ORLANDO NEW YORK	FL 32817 NY 10286
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THE BANK OF NEW YORK MELLON/HH ELLINGTON MASTER FUND LTD	CORPORATE ACTIONS	525 WILLIAM PENN PLACE				PA 15259
THE BANK OF NEW YORK MELLON/HSBC BAN	CORP ACTIONS	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259
THE BANK OF NEW YORK MELLON/HSBC, BK PLC A THE BANK OF NEW YORK MELLON/INVESTEC LONDON	C IB EQ FIN NON US MICHAFI KANIA	MICHAEL KANIA - VICE PRESIDENT VICE PRESIDENT	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE		PITTSBURGH PITTSBURGH	PA 15259 PA 15259
THE BANK OF NEW YORK MELLON/INVESTED LUNDON	JENNIFER MAY	VICE PRESIDENT	525 WILLIAM PENN PLACE 525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259 DA 16260
THE BANK OF NEW YORK MELLON/IPA THE BANK OF NEW YORK MELLON/ITC-DEAL	ONE WALL STREET	VICE PRESIDENT 4TH FLOOR	323 WILLIAM F LINN F LACE		NEW YORK	PA 15259 NY 10015
THE BANK OF NEW YORK MELLON/IVORS	CORP ACTIONS	ONE WALL STREET			NEW YORK	NY 10286
THE BANK OF NEW YORK MELLON/IXIS CMN	DONNA STEINMAN	VICE PRESIDENT	ONE WALL STREET		NEW YORK	NY 10286
THE BANK OF NEW YORK MELLON/IXIS LOA	CORP ACTIONS	VICE PRESIDENT	ONE WALL ST			NY 10286
THE BANK OF NEW YORK MELLON/LINK SECURITIES	MICHAEL KANIA	VICE PRESIDENT	525 WILLIAM PENN PLACE		PITTSBURGH	PA 15259
The Bank of New York Mellon/Mellon T THE BANK OF NEW YORK MELLON/MERRILL	Sean Garrison DONNA STEINMAN	525 William Penn Place VICE PRESIDENT	Suite 153-0400 ONE WALL STREET		Pittsburgh NEW YORK	PA 15259 NY 10286
The Bank of New York Mellon/Mid Cap Spdrs	Corp Actions	VIce President	525 William Penn Place		Pittsburgh	PA 15259
THE BANK OF NEW YORK MELLON/MILLENNIUM PARTNERS	MIKE SCARRY	ASSISTANT VICE PRESIDENT	ONE WALL STREET			NY 10286
THE BANK OF NEW YORK MELLON/MIZUHO BANK	DONNA STEINMAN	VICE PRESIDENT	ONE WALL STREET			NY 10286
THE BANK OF NEW YORK MELLON/MIZUHO CORPORATE	BANK LTD., NEW YORK BRANCH	DONNA STEINMAN - VICE PRESIDENT	ONE WALL STREET			
THE DAME OF HEIL VODE HELLOWINGTON	IEAN IEEE MAY	ACCIOTANT MOS POSCIDENT	ONE WALL STREET		NEW YORK	NY 10286
THE BANK OF NEW YORK MELLON/NATIXIS THE BANK OF NEW YORK MELLON/NATIXIS	JENNIFER MAY DONNA STEINMAN	ASSISTANT VICE PRESIDENT	ONE WALL STREET		NEW YORK NEW YORK	NY 10286 NY 10286
THE BANK OF NEW YORK MELLONNATIXIS FUNDINGCORP	JENNIFER MAY DONNA STEINMAN CORP ACTIONS	ASSISTANT VICE PRESIDENT VICE PRESIDENT ONE WALL ST	ONE WALL STREET ONE WALL STREET		NEW YORK NEW YORK NEW YORK	NY 10286 NY 10286 NY 10286 NY 10286
THE BANK OF NEW YORK MELLON/NATIXIS FUNDINGCORP THE BANK OF NEW YORK MELLON/NBT BANK	DONNA STEINMAN CORP ACTIONS MIKE SCARRY	ASSISTANT VICE PRESIDENT VICE PRESIDENT ONE WALL ST ASSISTANT VICE PRESIDENT	ONE WALL STREET ONE WALL STREET ONE WALL STREET		NEW YORK NEW YORK NEW YORK NEW YORK	NY 10286 NY 10286 NY 10286 NY 10286 NY 10286
THE BANK OF NEW YORK MELLON/NATIXIS FUNDINGCORP THE BANK OF NEW YORK MELLON/NBT BANK THE BANK OF NEW YORK MELLON/NOMURA B	DONNA STEINMAN CORP ACTIONS MIKE SCARRY DONNA STEINMAN	ASSISTANT VICE PRESIDENT VICE PRESIDENT ONE WALL ST ASSISTANT VICE PRESIDENT 11488 CORPORATE BLVD	ONE WALL STREET ONE WALL STREET		NEW YORK NEW YORK NEW YORK NEW YORK ORLANDO	NY 10286 NY 10286 NY 10286 NY 10286 FL 32817
THE BANK OF NEW YORK MELLONNATIKIS FUNDINGCORP THE BANK OF NEW YORK MELLONNAT BANK THE BANK OF NEW YORK MELLONNOMURA B THE BANK OF NEW YORK MELLONNOMURA BE THE BANK OF NEW YORK MELLONNOMURA BEOURITIES (BERMUDA) LTD.	DONNA STEINMAN CORP ACTIONS MIKE SCARRY DONNA STEINMAN CORPORATE ACTIONS	ASSISTANT VICE PRESIDENT VICE PRESIDENT ONE WALL ST ASSISTANT VICE PRESIDENT 11486 CORPORATE BLVD 525 WILLIAW PEN PHADE	ONE WALL STREET ONE WALL STREET ONE WALL STREET SUITE 300		NEW YORK NEW YORK NEW YORK NEW YORK ORLANDO PITTSBURGH	NY 10286 NY 10286 NY 10286 NY 10286 NY 10286 FL 32817 PA 15259
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Name	Attention	Address 1	Address 2	Address 3	City	
THE BANK OF NOVA SCOTIA/CLIENT B/CDS** THE BANK OF NY MELLON/MELLON TRST OF NEW ENGLAND	CORPORATE ACTIONS NORTHWESTERN MUTUAL LIFE	40 KING ST. WEST DENISE FRUEND	23RD FLOOR 525 WILLIAM PENN PLACE		TORONTO PITTSBURGH	ON M5H 1H1 CANADA PA 15259
THE BANK OF NY MELLON/MELLON TRST OF NEW ENGLAND	NORTHWESTERN MUTUAL LIFE	ATTN: GAIL M. LEANNAIS - CORPORATE ACTIONS	720 EAST WISCONSIN AVENUE		MILWAUKEE	WI 53202-4797
THE CENTRAL DEPOSITORY (PTE) LIMITED THE CENTRAL DEPOSITORY (PTE) LIMITED	CORPORATE ACTIONS WALTER P. SPRINGER	9 NORTH BUONA VISTA DRIVE 55 WATER STREET, 26TH FLOOR	#01-19/20 The Metropolis		SINGAPORE NEW YORK	138588 SINGAPORE NY 10041
THE CENTRAL DEPOSITORY (PTE) LIMITED THE FIRST, NATIONAL ASSOCIATION/DRS THE HUNTINGTON NATIONAL BANK	WALTER P. SPRINGER STACY BRANN CORPORATE ACTIONS	7 BRISTOL ROAD DAVID GUNNING			DAMARISCOTTA COLUMBUS	ME 04543 OH 43231
THE HUNTINGTON NATIONAL BANK THE HUNTINGTON NATIONAL BANK	CORPORATE ACTIONS PAULA FLETCHER	DAVID GUNNING 7 EASTON OVAL	5555 CLEVELAND AVE.	GW4E62	COLUMBUS COLUMBUS	OH 43231 OH 43219
THE NASDAQ STOCK MARKET LLC	VINCENT DIVITO	DIRECTOR	ONE LIBERTY PLAZA		NEW YORK	NY 10006
The Northern Trust Company THE NORTHERN TRUST COMPANY	Attn: Capital Structures-C1N	Ryan Chislett ATTN: CAPITAL STRUCTURES-C1N	801 S Canal Street 801 S CANAL STREET		Chicago CHICAGO	IL 60607
THE NORTHERN TRUST COMPANY THE NORTHERN TRUST COMPANY	ANDREW LUSSEN PROXY DIVISION C-1N	801 S. CANAL STREET			CHICAGO	IL 60607 IL 60607
THE OPTIONS CLEARING CORPORATION	OCC MARKETLOAN PROGRAM ACCOUNT - AQS ANDREW PANARAS	ANDREW PANARAS - SUPERVISOR	ONE NORTH WACKER DRIVE ONE NORTH WACKER DRIVE	SUITE 500 SUITE 500	CHICAGO CHICAGO	IL 60606 IL 60606
THE OPTIONS CLEARING CORPORATION/OCC THE PARK NATIONAL BANK/DRS	ANDREW PANARAS DEBBIE DANIELS	SUPERVISOR ONE SOUTH MAIN STREET	ONE NORTH WACKER DRIVE	SUITE 500	VERNON	IL 60606 OH 43050
THE ROYAL BANK OF SCOTLAND PLC, CT BRANCH	JEFF BLACK	600 WASHINGTON BOULEVARD			STAMFORD	CT 06901
THE TEL-AVIV STOCK EXCHANGE CLEARING TIMBER HILL LLC	NIRA MEIR KARIN MCCARTHY	54 AHAD HA'AM ST 1 PICKWICK PLAZA	P O B 29060		TEL AVIF	61290 165202 ISRAEL
TORONTO-DOMINION BANK (THE)** TORONTO-DOMINION BANK (THE)*TO GLOBAL FINANCE UNLIMITED COMPANY/CDS	M. JASON PEEL ATTN: CORPORATE ACTIONS	MANAGER	77 KING STREET WEST 16TH FLOOR	16TH FLOOR	TORONTO TORONTO	ON M5K 1A2 CANADA
TORONTO-DOMINION BANK (THE)/TD GLOBAL FINANCE UNLIMITED COMPANY/CDS TORONTO-DOMINION BANK (THE)/TDGF MARGIN ACCOUNT/CDS	ATTN: CORPORATE ACTIONS ATTN: CORPORATE ACTIONS	77 KING STREET WEST 77 KING STREET WEST	16TH FLOOR		TORONTO	ON M5K 1A2 CANADA ON M5K 1A2 CANADA
TRADEBOT SYSTEMS, INC.	ATTN: CORPORATE ACTIONS	1251 NW BRIARCLIFF PKWY STE	700		KANSAS CITY	MO 64116-1784
TRADELINK SECURITIES LLC Tradestation Securities, Inc.	ATTN: CORPORATE ACTIONS	71 South Wacker Drive	Suite 1900 8050 SW 10th St		CHICAGO	IL 60606 FL 33324
	Attn: Andrea Augustin Attn: David Bialer	Corporate Actions 8050 SW 10th Street			Plantation Plantation	
Tradestation Securities, Inc. TRADESTATION SECURITIES, INC.	Attn: David Bialer TRADESTATION SECURITIES, INC.	CORPORATE ACTIONS	Suite 400 8050 SW 10TH STREET	SUITE 400	Plantation PLANTATION	FL 33324 FL 33324
Tradeup Securities, Inc. Tradeup Securities, Inc./Stock Loan		101 Eisenhower Parkway 101 Eisenhower Parkway			Roseland Roseland	NJ 07068 NJ 07068
TRADITION SECURITIES & DERIVATIVES I	JEANETTE RIVERA	255 GREENWICH ST	4TH FLOOR		NEW YORK	NY 10007
TRUIST BANK/SUPPLY CHAIN FINANCE	ATTN: CORPORATE ACTIONS	3333 Peachtree Rd NE			ATLANTA CENTENNIAL	GA 30326
TRUST COMPANY OF AMERICA TRUST OPERATIONS OFFICER	MATT LYNCH	7103 SOUTH REVERE PARKWAY U.S. BANK, N.A./U.S. BANK MUNICIPAL	1555 N RIVER CENTER DRIVE	SUITE 302	MILWAUKEE	CO 80112 WI 53212
TRUSTMARK NATIONAL BANK TULLETT PREBON FINANCIAL SERVICES LL	JACK BALL / VERLENA PETERS MICHAEL DEMATTEO	248 EAST CAPITOL ST 77 WATER STREET	ROOM 580 12TH FLOOR		JACKSON NEW YORK	MS 39201 NY 10005
TULLETT PREBON FINANCIAL SERVICES LLC	CORPORATE ACTIONS	101 HUDSON STREET	121111 EOOK		JERSEY CITY	N.I 07302
U.S. Bancorp Investments, Inc. U.S. Bancorp Investments, Inc.	Kevin Brown	Assistant VIce President	60 Livingston Ave		St. Paul	MN 55107-1419
U.S. Bank N.A.	Attn: Reorg Department Stephanie Kapta	60 Livingston Ave 1555 N Rivercenter Drive	Suite 302		St. Paul Milwaukee	MN 55107 WI 53212
U.S. Bank N.A. U.S. BANK N.A./CP	Stephanie Kapta STEPHANIE STORCH STEPHANIE STORCH / MATTHEW LYNCH	1555 N Rivercenter Drive 1555 N RIVERCENTER DRIVE	SUITE 302		MILWAUKEE	WI 53212
U.S. BANK N.A./ETF U.S. BANK N.A./QUASAR DISTRIBUTORS, LLC	SUBACCOUNTING AGENT	1555 N RIVERCENTER DRIVE STEPHANIE KAPTA	SUITE 302 1555 N RIVERCENTER DRIVE	SUITE 302	MILWAUKEE MILWAUKEE	WI 53212 WI 53212
U.S. BANK N.A./SAFEKEEPING WEST	STEPHANIE STORCH	1555 N RIVERCENTER DRIVE	SUITE 302		MILWAUKEE	WI 53212
U.S. BANK N.A./THIRD PARTY LENDING	SCOTT OLSON MATT LYNCH ATTN: CORPORATE ACTIONS	1555 N RIVERCENTER DRIVE 1555 N RIVER CENTER DRIVE	SUITE 302 SUITE 302		MILWAUKEE MILWAUKEE	WI 53212 WI 53212 WI 53212
U.S. BANK N.A./TRUST NY MTN U.S. BANK N.A./WMIS	ATTN: CORPORATE ACTIONS	1555 N RIVERCENTER DRIVE	SUITE 302		MILWAUKEE	WI 53212
U.S. BANK, N.A. UBS AG STAMFORD BRANCH	U.S. BANK MUNICIPAL SECURITIES GROUP AS CUSTODIAN FOR UBSAG LONDON BRANCH	MATT LYNCH GREGORY CONTALDI - DIRECTOR	1555 N RIVER CENTER DRIVE 1000 HARBOR BLVD - 5TH FLOOR	SUITE 302	MILWAUKEE WEEHAWKEN	WI 53212 NJ 07086
UBS AG STAMFORD BRANCH/AS CUSTODIAN	GREGORY CONTALDI	DIRECTOR	1000 HARBOR BLVD - 5TH FLOOR		WEENHAWKEN	NJ 07086
LIBS AG STAMFORD BRANCH	CARLOS LEDE	677 WASHINGTON BLVD			STAMFORD	CT 06901
UBS AG, STAMFORD BRANCH UBS AG, STAMFORD BRANCH UBS AG, STAMFORD BRANCH	AC PB CLIENTS-NO UBS LIEN CARLOS LEDE	CARLOS LEDE 600 WASHINGTON BLVD	677 WASHINGTON BLVD		STAMFORD STAMFORD	CT 06901 CT 06901 CT 06901
UBS AG, STAMFORD BRANCH/IPA ACCOUNT	ANTHONY CONTE	677 WASHINGTON BLVD			STAMFORD	CT 06901
UBS Financial Services Inc. UBS FINANCIAL SERVICES INC./GOVERNME	Jane Flood JONATHAN BANKS	1000 Harbor Blvd 1200 HARBOR BLVD			Weehawken WEEHAWKEN	NJ 07086 NJ 07086
UBS FINANCIAL SERVICES INC./GOVERNMENT	SECURITIES ACCOUNT #2	JONATHAN BANKS	1200 HARBOR BLVD		WEEHAWKEN	N.I 07086
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UBS SECURITIES LLC/CMO UBS SECURITIES LLC/SECURITIES LENDING	GREGORY CONTALDI	480 WASHINGTON BLVD 480 WASHINGTON BLVD 12TH FLOOR			JERSEY CITY	NJ 07310 NJ 07310
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VIsion Financial Markets LLC VIsion Financial Markets LLC	Ana Martinez Ana Martinez	Corporate Actions 120 Long Ridge Road	4 High Ridge Park 3 North		Stamford Stamford	CT 06902
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WEDBUSH SECURITIES INC./PC STOCK LOAN	ALAN FERREIRA	1000 WILSHIRE BLVD			Los Angeles LOS ANGELES	CA 90030 CA 90030
WEDBUSH SECURITIES INC./STOCK LOAN WELLS FARGO ADVISORS, LLC	ATTN: CORPORATE ACTIONS, CARMEN RIVERA ROBERT MATERA	1000 WILSHIRE BLVD. 1525 WEST WT HARRIS BLVD			LOS ANGELES CHARLOTTE	CA 90017 NC 28262
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WELLS FARGO BANK, N.A. ISSUING/PAYING AGENT WELLS FARGO BANK. N.A./LENDING	LIZ GALL HANSON FRANK SOUDER	608 2ND AVENUE S 51 JFK PARKWAY			MINNEAPOLIS SHORT HILLS	MN 55434 NJ 07078
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WELLS FARGO BANK, N.A./SIG	ROBERT MATERA	VICE PRESIDENT	1525 W W T HARRIS BLVD	1ST FLOOR	CHARLOTTE	NC 28262-8522
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	LORA DAHLE CORPORATE ACTIONS	CORPORATE ACTIONS 733 MARQUETTE AVENUE-5TH FLOOR	and a second second		MINNEAPOLIS MINNEAPOLIS	MN 55415 MN 55479
WELLS FARGO BANK, NATIONAL ASSOCIATION	ATTN: Proxy Department	One North Jefferson Avenue VICE PRESIDENT	901 EAST BYRD STREET	15 TH FLOOR	St. Louis RICHMOND	MO 63103 VA 23219
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Wells Fargo Clearing WELLS FARGO CLEARING SERVICES LLC/SE WELLS FARGO CLEARING SERVICES LLC/SU WELLS FARGO CLEARING SERVICES LLC/SU WELLS FARGO SECULPITES LLC	DAVID RIELING ROBERT MATERA ROBERT MATERA	1525 WEST WT HARRIS BLVD ASSISTANT VICE PRESIDENT	CORP ACTIONS - NC0675	1525 WEST W.T. HARRIS BLVD, 1B1	CHARLOTTE	NC 28262 NC 28262
Wells Fango Clearing WELLS FANGO CLEARING SERVICES LLOSE WELLS FANGO CLEARING SERVICES LLOSU WELLS FANGO SECURITIES LLC WELLS FANGO SECURITIES LLOS WELLS FANGO SECURITIES LLOSE WELLS FANGO SECURITIES LLOSECURITIES LICYS	DAVID RIELING ROBERT MATERA ROBERT MATERA STEVE TURNER SUSAN KOVAL	1525 WEST WT HARRIS BLVD ASSISTANT VICE PRESIDENT ASSISTANT VICE PRESIDENT ONE BANK PLAZA	CORP ACTIONS - NC0675 CORP ACTIONS - NC0675	1525 WEST W.T. HARRIS BLVD, 1B1 1525 WEST W.T. HARRIS BLVD, 1B1	CHARLOTTE CHARLOTTE WHEELING	NC 28262 NC 28262 NC 28262 WV 26003
WELLS FARGO BANK, NATIONAL ASSOCIATION WIGE Fargo Garging WELLS FARGO CLEARING SERVICES LLOSE WELLS FARGO CLEARING SERVICES LLOSU WELLS FARGO SEQURITIES CLOSU WELLS FARGO SEQURITIES CLOSE WELLS FARGO SEQURITIES FINANCE WESSANCO BANK, INC. WESSANCO BANK, INC. WEST OAK CAPITAL WILLIAM BLARS & COMPANY, L.L.C.	DAVID RIELING ROBERT MATERA	1525 WEST WT HARRIS BLVD	CORP ACTIONS - NC0675	1525 WEST W.T. HARRIS BLVD, 1B1 1525 WEST W.T. HARRIS BLVD, 1B1	CHARLOTTE CHARLOTTE CHARLOTTE WHEELING WESTLAKE VILLAGE CHICAGO	NC 28262 NC 28262 NC 28262 WV 28003 CA 91361 IL 60606

Case 22-90341 Document 1691 Filed in TXSB on 01/09/24 Page 22 of 133



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WOLVERTON SECURITIES LTD./CDS**	CORPORATE ACTIONS	1700- 777 DUNSMUIR STREET			VANCOUVER	BC V7Y 1J5	CANADA
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In re: Core Scientific, Inc., et al. Case No. 22-90341 (DRJ)

Page 1 of 90



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Case No. 22-90341 (DRJ)



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In re: Core Scientific, Inc., et al.

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In re: Core Scientific, Inc., et al.

Case No. 22-90341 (DRJ) Page 30 of 90



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Case No. 22-90341 (DRJ)



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In re: Core Scientific, Inc., et al.

Case No. 22-90341 (DRJ)



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In re: Core Scientific, Inc., et al. Case No. 22-90341 (DRJ)

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In re: Core Scientific, Inc., et al. Case No. 22-90341 (DRJ)

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Case No. 22-90341 (DRJ) Page 75 of 90



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In re: Core Scientific, Inc., et al.

Case No. 22-90341 (DRJ) Page 80 of 90



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AMY R WEEMS		ADDRESS REDACTED					+
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AMY R WEEMS		ADDRESS REDACTED					
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ANDREW J AMBRO ANDREW WILLIAM STUART		ADDRESS REDACTED ADDRESS REDACTED					-
ANNA D CLEVER		ADDRESS REDACTED ADDRESS REDACTED				-	+
Anthony Ginesi TTEE		ADDRESS REDACTED					
ANTHONY MCCOY		ADDRESS REDACTED					+
ANTONIO M. CASTAINCA		ADDRESS REDACTED					
AON TRUST COMPANY TTEE		ADDRESS REDACTED					+
ARKEA DIRECT BANK		ADDRESS REDACTED					
ARTHUR L. WILLIAMS		ADDRESS REDACTED					
ASHWANI RATHOR		ADDRESS REDACTED					
AUSTIN CARR		ADDRESS REDACTED					
AXA001-JPM ACCOUNT	C/O KINETICS ASSET MGMT	470 PARK AVE SOUTH	3RD FLOOR	NEW YORK	NY	10016-6957	
AXOS CLEARING	LOANNET	15950 WEST DODGE ROAD	SUITE 300	OMAHA	NE	68118-4007	
AXOS CLEARING AXOS CLEARING	SECURITIES LENDING/BORROWING SUSPENSE/P & S UNCOMPARED	15950 WEST DODGE ROAD 15950 WEST DODGE ROAD	SUITE 300 SUITE 300	OMAHA OMAHA	NE NE	68118-4007 68118-4007	
AXOS CLEARING AXOS CLEARING LLC	FAO BROAD STREET CAP MKTS	15950 WEST DODGE ROAD	SUITE 300	OMAHA	NE NE	68118-4007	
BANCO COMERCIAL PORTUGUES SA	-SINGLE ACCOUNT AGENCY-	PRACA D. JOAO I, 28	4000-295, PORTO, PORTUGAL	OWALIA	INL	30110-4007	PORTUGAL
BANK OF OKLAHOMA TR DIV	ATTN PATTI ROBERTSON	P O BOX 2300	.555 255,1 51(15,1 51(15)AL	TULSA	ОК	74102-2300	
BANK VONTOBEL	ATTN BANK VONTOBEL AG	DREIKONGSTRASSE 37	ZURICH	. 525.	J.,		ZURICH
BARBARA A. SEGOVIS	-	ADDRESS REDACTED				1	
BARBARA C LUCAS		ADDRESS REDACTED					
BARBARA MH DAIGNEAULT		ADDRESS REDACTED					
			ATTN PRIME BROKER SVCS			1	
BARCLAYS CAPITAL	FAO ALYESKA INVESTMENT GROUP LP	LP HLMSTR-BC-US	745 7TH AVE	NEW YORK	NY	10019-6801	
BARCLAYS CAPITAL INC PB	POINT72 ASSET MANAGEMENT LP	ATTN PRIME BROKER ACCOUNT		NEW YORK	NY	10019-6801	-
BARRY D TULLOCK		ADDRESS REDACTED				+	
BARRY D TULLOCK & BARRY SLOANE REVOCABLE TRUST		ADDRESS REDACTED ADDRESS REDACTED				+	+
BASIL JOSHUA SHER		ADDRESS REDACTED ADDRESS REDACTED				+	+
BEHREN INVESTMENTS, LLC.		13745 SW 104TH CT		MIAMI	FL	33176-6678	+
BENJAMIN J. GAGNON		ADDRESS REDACTED		IAIICAIAII	1 -	33170-0076	+
BENJIE L COX		ADDRESS REDACTED				+	+
BENJIE L. COX IRREVOCABLE TRUS		ADDRESS REDACTED				1	<u> </u>



BERNAY FROMONON	Name	Attention	Address 1	Address 2	City	State	Zip	Country
BERT F. ARROWNOOD		Authuon		Audi 655 Z	Oity	Glate	Zip	Country
RETTY CALLORS RESTRAY OF LUTION BERT R. ARROWOOD								
AOPRESS READY TELL THE CONTROL THE								
## APPRESS PERAPETED	BEVERLY C SULLIVAN		ADDRESS REDACTED					
SECURIO DESCRIPTION SECURITY	BHARGAV THEERTHAM		ADDRESS REDACTED					
SACKPOOK REMORAL MOUTH ACT SYSARIET 448 BROADWAY U.STER PAPER NY 1247-5149								
BLOCKNOCK NIVESTREPTS	BKB HOLDINGS I LLC	ATTN: DREW BROWNSTEIN	95 SOUTH BELLAIRE STREET		DENVER	CO	80246-1010	
BMO ASSET HAMAGEMENT COP	BLACKROCK FINANCIAL MGMT	A/C TSFSXMRT	448 BROADWAY		ULSTER PARK	NY	12487-5149	
BIND CAPITAL MARKETS CORP NEW YORK	BLACKROCK INVESTMENTS	XMART	448 BROADWAY		ULSTER PARK	NY	12487-5149	
BIN MELLON AS TIETE NOKA SAVINGS/40(1)0 PLAN PO VEC 1-10 SID PIRCE DRIVE MANSPIELD OH 4990-3121 NOKA SAVINGS/40(1)0 PLAN PO VEC 1-10 SID MIRABELLI OR SAN JOSE C A 5515-1571 NOKA SAVINGS/40(1)0 PLAN PO VEC 1-10 SID MIRABELLI OR SAN JOSE C A 5515-1571 NOKA SAVINGS/40(1)0 PLAN PO VEC 1-10 SID MIRABELLI OR SAN JOSE C A 5515-1571 NOKA SAVINGS/40(1)0 PLAN PO VEC 1-10 SID MIRABELLI OR SAN JOSE C A 5515-1571 NOKA SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAN JOSE C A 5515-1571 NOKA SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO PAN JAING TO MIRABELLI OR SAVINGS/40(1)0 PLAN SDO PRO PAN JAING TO	BMO ASSET MANAGEMENT CORP	HARRIS TRUST & SAVINGS BAN	A/C HARCU	115 S LA SALLE ST FL 11	CHICAGO	IL	60603-3865	
SECOND SOURCE NOW ADDRESS REPORTED SOURCE SOURC	BMO CAPITAL MARKETS CORP		3 TIMES SQUARE, 28TH FLOOR		NEW YORK	NY	10036-6591	
SOBBY_IRED	BNY MELLON AS TTEE	NOKIA SAVINGS/401(K) PLAN	FBO BRENDA D GOUDY	910 PIKE DRIVE	MANSFIELD	OH	44903-9121	
BOBBY TREED (P)	BNY MELLON AS TTEE	NOKIA SAVINGS/401(K) PLAN	FBO YEE C HO	59 MIRABELLI CIR	SAN JOSE	CA	95134-1517	
BOK FIRMANICAL TIELE	BOBBY J REED		ADDRESS REDACTED					
BRADDER SPREATED	BOBBY J REED (D)		ADDRESS REDACTED					
BRANDON BINKEPHANN ADDRESS REDACTED	BOK FINANCIAL TTEE	BOK FINANCIAL 401(K) PLAN-SDO	FBO PAN JIANG	1 ONE WILLIAMS CTR	TULSA	OK	74172-0172	
BRANDON S BINKLEY BRANDON S BINKLEY ADDRESS REDACTED BRENDA MYSTORY BRENDA	BRADLEY W BARNARD	, ,	ADDRESS REDACTED					
BRANDON S BINKLEY & ADDRESS REDACTED	BRANDON BUSCHMANN		ADDRESS REDACTED					i
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BRETT P. MILZBACH ADDRESS REDACTED	BRENDA WADDELL CUSTODIAN FBO		ADDRESS REDACTED					
BRETT K KEITH	BRENT CHRISTOPHER BERGE 2012		ADDRESS REDACTED					i
BRIAN A COX	BRETT P WILZBACH		ADDRESS REDACTED					
BRIAN L JOHNSON	BRETT R. KEITH		ADDRESS REDACTED					
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Name	Attention	Address 1	Address 2	City	State	Zip	Country
CHARLES SCHWAB INVST MGMT INC	Attention	211 MAIN STREET	Address 2	SAN FRANCISCO	CA	94105-1905	Country
CHATEAU ARLINGTON, LLC		1400 MORSE AVE		ELK GROVE VLG	IL	60007-5722	
CHELSIE JENNA BARNES		ADDRESS REDACTED		EER GROVE VEG		00001 0122	
CHINA MERCHANTS SECURITIES 30%	48/F.,	ONE EXCHANGE SQUARE,	CENTRAL	DALLAS	TX	75205-15	
CHRISTA O DELSORBO	70/1 .,	ADDRESS REDACTED	OLIVITO IL	DI LEDIO	174	70200 10	
CHRISTA O DELSORBO		ADDRESS REDACTED					
CHRISTINA M. KNOX		ADDRESS REDACTED					
CHRISTINE T PALLADINO TOD		ADDRESS REDACTED					
CHRISTINE T. PALLADINO		ADDRESS REDACTED					
CHRISTOPHER A AYRES		ADDRESS REDACTED					
CHRISTOPHER MARSHALL		ADDRESS REDACTED					
CHRISTOPHER NEEME		ADDRESS REDACTED					
CHRISTOPHER R COTTEN		ADDRESS REDACTED					
CINDY R KLEPPER		ADDRESS REDACTED					
							REPUBLIC
CITI -210744	C/O MERITZ SECURITIES CO LTD	17, YEOUIDAEBANG-RO 69-GIL	YEONGDEUNGPO-GU	SEOUL			OF KOREA
CITI BANK	C/O BANK LEUMI LE-ISRAEL B.M	35 YEHUDA HALEVI STREET	1201102201101 0 00	52552			ISRAEL
0111 27 1111	0,0 2, 1111 220111 22 101 1122 2.111	00 12:100,111,122110111221	ROLLOVER ACCOUNT				1010122
CITI RETIREMENT ACCOUNT	PERSHING LLC AS CUSTODIAN	IRA FBO EDWARD J SCHNEIDER	102 BRIGHTWATER CT	BROOKLYN	NY	11235-7604	
CITI RETIREMENT ACCOUNT	PERSHING LLC AS CUSTODIAN	IRA FBO ELEANOR TRITT	1750 OAKWOOD TER APT 17D	PENN VALLEY	PA	19072-1048	
			ROLLOVER ACCOUNT				
CITI RETIREMENT ACCOUNT	PERSHING LLC AS CUSTODIAN	IRA FBO LUCIO T IIDA	661 CASCADE DR	FAIRFAX	CA	94930-2212	
CITI RETIREMENT ACCOUNT	PERSHING LLC AS CUSTODIAN	IRA FBO MARY JO FLORIO	10 STONY BROOK PLACE	ARMONK	NY	10504-1411	
CITI RETIREMENT ACCOUNT	PERSHING LLC AS CUSTODIAN	IRA FBO RALPH E DESENA	225 BROADWAY STE 1901	NEW YORK	NY	10007-3747	
CITIGROUP GLOBAL MARKETS	F/A/O: DAVIDSON KEMPNER	ATTN PRIME BROKER ACCOUNT	390 GREENWICH STREET	NEW YORK	NY	10007-07-47	
CITIGROUP GLOBAL MARKETS	POINT72 ASSET	ATTN PRIME BROKER ACCOUNT	390 GREENWICH ST	NEW YORK	NY	10013-2362	
CLARE AND JOSEPH THOMASON		ADDRESS REDACTED	000 01122111101101	11211 101111		.00.0 2002	
CLEVA B CLAIBORNE		ADDRESS REDACTED					
CLEVA B CLAIBORNE		ADDRESS REDACTED					
CLEVA B CLAIBORNE		ADDRESS REDACTED					
CLYDE S KELLY JR REV LIVING TRU		ADDRESS REDACTED					
COBALT REVOCABLE TRUST		ADDRESS REDACTED					
COLBY B. SHELTON		ADDRESS REDACTED					
COLIN H ZIZZI 401K PLAN		ADDRESS REDACTED					
COLLEEN KELLY HEARTSILL		ADDRESS REDACTED					
CONNIE J COBBLE		ADDRESS REDACTED					
CORY G HOOPES TTEE		ADDRESS REDACTED					
COURTESY PROPERTIES, LLC		1636 DOGWOOD DR SE		CONYERS	GA	30013-5042	
Craig S Kinard		ADDRESS REDACTED		9 9 1 1 1 2 1 1 2			
CRAIG S VANLEY		ADDRESS REDACTED					
CRAWFORD HOYT BLEAKLEY JR.		ADDRESS REDACTED					
CROMWELL S. BAUN		ADDRESS REDACTED					
CUTCHOGUE POINT AP LLC		109 CURACAO LN		BONITA SPGS	FL	34134-8510	
CXVS LL		3527 CUPECOY POINT AVE		LAS VEGAS	NV	89141-3237	
CYNDA G. IRVING		ADDRESS REDACTED					
CYNTHIA ERDLE		ADDRESS REDACTED					
CYW SMSF		ADDRESS REDACTED					
D KERRY CRENSHAW TRUST		ADDRESS REDACTED					
D. MICHAEL VAN KONYNENBURG &		ADDRESS REDACTED					
DALE A DYKSTRA		ADDRESS REDACTED					
DALJIT SINGH		ADDRESS REDACTED					
DAN MCCORMICK &		ADDRESS REDACTED				+	
DANA W MCCOY		ADDRESS REDACTED					
DANA W. MCCOY		ADDRESS REDACTED				1	
DANA W. MCCOY		ADDRESS REDACTED				1	
DANIEL E SHRADER		ADDRESS REDACTED					
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DANIEL E SHRADER &		ADDRESS REDACTED				1	
DANIEL F MARCUS	+	ADDRESS REDACTED	- 			1	
DANIEL G CROCKETT 2017	+	ADDRESS REDACTED	- 			1	
DANIEL GREENBERG	+	ADDRESS REDACTED				+	
DANIEL J WHITE		ADDRESS REDACTED				+	
DANIEL J WHITE ALICIA L WHITE JT	+	ADDRESS REDACTED				+	
DANIEL KUBES	+	ADDRESS REDACTED				+	
DANIEL MATTEI		ADDRESS REDACTED				+	
DANIEL P HERUTH	+	ADDRESS REDACTED				+	
DANIEL I' HENOTH		ADDINESS INCOMOTED				1	I



Name	Attention	Address 1	Address 2	City	State	Zip	Country
DANNY E CARLYLE	Attontion	ADDRESS REDACTED	Addi 000 Z	Sity	Otato		Country
DARRELL ROSENTHAL		ADDRESS REDACTED					
DARREN JOHN GEITZ		ADDRESS REDACTED					
DAVE & DENISE LAMP LIVING TR		ADDRESS REDACTED					+
DAVID C BECKER		ADDRESS REDACTED					
DAVID DEVORKIN		ADDRESS REDACTED					
DAVID GRAHAM BRIDGES		ADDRESS REDACTED					
DAVID H DOTSON		ADDRESS REDACTED					
DAVID JERVASI		ADDRESS REDACTED					
DAVID K WEEMS		ADDRESS REDACTED					
DAVID K WEEMS		ADDRESS REDACTED					
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DAVID K WEEMS		ADDRESS REDACTED					
DAVID K. WEEMS DAVID K. WEEMS		ADDRESS REDACTED ADDRESS REDACTED					
DAVID L LAMASTERS		ADDRESS REDACTED ADDRESS REDACTED					
DAVID M RAMOS		ADDRESS REDACTED		+			
DAVID M. MULLERT		ADDRESS REDACTED					
David M. Young		ADDRESS REDACTED					
DAVID MICHAEL WALDEN		ADDRESS REDACTED					
DAVID POST		ADDRESS REDACTED					+
DAVID R GEORGE		ADDRESS REDACTED					
DAVID ROY		ADDRESS REDACTED					
							REPUBLIC
DB FINANCIAL INVESTMENT	32 GUKJEGEUMYUNG-RO 8-GIL	YEONGDEUNGPO-GU	6F, DONGBU SECURITIES BLDG.	SEOUL			OF KOREA
			18/F MAN YEE BUILDING,				
DBS VICKERS (HONG KONG) LIMITED	SUB A/C DBS BANK (HONG KONG)	LIMITED	68 DES VOEUX ROAD CENTRAL				HONG KONG
			18/F MAN YEE BUILDING,				
DBS VICKERS (HONG KONG) LTD	SINGLE ACCOUNT AGENCY	UNDOC-CLIENTS	68 DES VOEUX ROAD CENTRAL	CENTRAL HONG KONG			HONG KONG
DDG MOKEDO OFOLIDITIFO	(OINOADODE) DTE LTD	40 MARINA ROLII EVARR #40 04	MARINA BAY FINANCIAL CENTRE,				CINICADODE
DBS VICKERS SECURITIES	(SINGAPORE) PTE LTD	12 MARINA BOULEVARD #10-01	TOWER 3 SINGAPORE 018982 DBS ASIA CENTRAL @MBFC #10-00,				SINGAPORE
DBS VICKERS SECURITIES (SG) P L	A/C DBS BANK A/C PRIVATE BANKING	12 MARINA BOULEVARD TOWER 3	SINGAPORE 018982(CP NO:MBFC0069)				SINGAPORE
DEBBIE S PACK	A O DBO BANK A O I RIVATE BANKING	ADDRESS REDACTED	GINGAL GIVE 010302(OF ING.INIDI 00003)				ONOAI OILE
DEBORAH A JOHNSON		ADDRESS REDACTED					
DEBORAH J STACEY		ADDRESS REDACTED					
DEBRA D OVERACKER		ADDRESS REDACTED					+
DEBRA D OVERACKER		ADDRESS REDACTED					
DELAINE L. FRANCO		ADDRESS REDACTED					
DEMETRA C COLLINS		ADDRESS REDACTED					
DENNIS C BURNS		ADDRESS REDACTED					
DERRICK ROBERTS		ADDRESS REDACTED					
DESJARDINS SECURITIES INC	CANADIAN EX CLEARING	C/O ALEXANDRE MAILHOT	1170 PEEL STREET SUITE 300 3E	MONTREAL	QC	H3B 0A9	CANADA
DESJARDINS SECURITIES INC	-FIO FLIP DTC#5028-	C/O ALEXANDRE MAILHOT	1170 PEEL STREET SUITE 300 3E	MONTREAL	QC	H3B 0A9	CANADA
DEVIN D BROWN		ADDRESS REDACTED					
DIANE BODOFSKY DIMITRY TIKHONOV		ADDRESS REDACTED ADDRESS REDACTED					
DMG 2021 MILLENNIUM TRUST		ADDRESS REDACTED					
DOMINIQUE BAYU ANTHONY MULLER		ADDRESS REDACTED		+			
DONALD E CLAIBORNE		ADDRESS REDACTED					+
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DONALD E CLAIBORNE		ADDRESS REDACTED					
Donald Glenn Elzey		ADDRESS REDACTED					
DONALD W. JENKINS		ADDRESS REDACTED					†
DONALD W. JENKINS		ADDRESS REDACTED					
DONNA L DICK		ADDRESS REDACTED					
DORIS J JENKINS		ADDRESS REDACTED					
DOTTIE J. NICKELS JEFFERS		ADDRESS REDACTED					
DOTTIE J. NICKELS JEFFERS		ADDRESS REDACTED					
DOUGLAS ABRAMS 2014 REVOCABLE TR		ADDRESS REDACTED					
DOUGLAS ALLEN HAMILTON DOUGLAS C. JENNINGS		ADDRESS REDACTED					
DOUGLAS C. JENNINGS DOUGLAS H CALLAN		ADDRESS REDACTED ADDRESS REDACTED					+
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## CRIPATIVE SERVICES TO BUILD ## CRIPATIVE SERVICES ## CRIPATIVE	Name	Attention	Address 1	Address 2	City	State	Zip	Country
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PRINCE APPRESS REDUCTED								
EMBA SPRANEIR ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED EL AS FARAY ADDRESS R								
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ELANGE RECORDS CAUSE THE RECORDS CAUSE RE								
FLIAS FARMAT								
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LUARETH O STEWART								
LUARETH ELWART ADDRESS REDACTED								
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ELLARETH ROUTE								
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ELERE WALKER ADDRESS REDACTED								
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EMPOWER TRUST COMPANY, LLC TITEE DIVER N. 48311-2984 EMPOWER TRUST COMPANY, LLC TITEE EMPOWER TRUST COMPANY, LLC TITEE EMPOWER TRUST COMPANY, LLC TITEE PACIFICOR R PLUS PLAN PRO BRIAN FARLOW PRO DEBLAN FARLOW PRO DE								
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EMPOWER TRUST COMPANY, LLC TEE SAVINGS AND INVESTMENT 401(K) PL FBO ADRIENSE D KIRBY 133 57TH PLACE SE MASHINGTON DC 2019-6940 EMPOWER TRUST COMPANY, LLC TEE THE INTERPUBLIC GROUP OF COMPANI FBO AMER 1247 FBO ADRES TETER 4225 NE 22ND PORTLAND OR 9721-5756 LANGE COMPANY TRUST COMPANY, LLC TEE THE INTERPUBLIC GROUP OF COMPANI FBO AMER 1247 FBO AMER								
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Name GARRETT TAYLOR	Attention	Address 1 ADDRESS REDACTED	Address 2	City	State	Zip	Country
GARY D WADDELL		ADDRESS REDACTED ADDRESS REDACTED					
GARY D WADDELL &		ADDRESS REDACTED					
GARY D. MULLINS		ADDRESS REDACTED					
GARY L DICK		ADDRESS REDACTED					
GARY ROSENBACH		ADDRESS REDACTED					
GARY W JEFFERS		ADDRESS REDACTED					
GARY W. JEFFERS		ADDRESS REDACTED					
GARY W. JEFFERS		ADDRESS REDACTED					
GAVIN ANTHONY BENZIE		ADDRESS REDACTED					
GENERADORA ELECTRICA MSG	LIMITADA	JUAN MACKENNA 716 D4	OSORNO, CHILE				CHILE
George and Linda Rohlinger		ADDRESS REDACTED					
GEORGE M WHITE CUST FOR		ADDRESS REDACTED					
GEORGE ODONGO CHOTA		ADDRESS REDACTED					
GEORGE R ARRANTS JR		ADDRESS REDACTED					
GEORGE SUMMACH		ADDRESS REDACTED					
GERALD AZZARONE		ADDRESS REDACTED					
GILLES JEAN FRANCOIS BADION		ADDRESS REDACTED					
GILLIS DESCENDANTS TRUST #1		ADDRESS REDACTED					
GILPIC SUPERANNUATION FUND		ADDRESS REDACTED					
GIOVANNI BONARELLI SCHIFFINO		ADDRESS REDACTED					
GIUSEPPI RAPISARDI		ADDRESS REDACTED					
GLENDA B ROBINSON		ADDRESS REDACTED					
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GOLDENBERG 2004 DYNASTY TRUST	DTD 08/03/2004	5003 OLD OCEAN BLVD		OCEAN RIDGE	FL	33435-7437	
GOLDENBERG ASSOCIATES, LLC		5003 OLD OCEAN BLVD		OCEAN RIDGE	FL	33435-7437	
GOLDMAN SACHS	FAO GRUBER LAGUNITAS LLC	ATTN PRIME BROKER DESK	PO BOX 64, BOWLING GREEN STATION	NEW YORK	NY	10274-0064	
			ATTN PRIME BROKER ACCT				
GOLDMAN SACHS	GRUBER MCBAINE CAPITAL MAGMT	SETTLEMENT ACCOUNT	30 HUDSON ST	JERSEY CITY	NJ	07302-4699	
GOLDMAN SACHS	MAPLE LANE CAPITAL LLC	ATTN PRIME BROKER ACCOUNT	200 WEST ST	NEW YORK	NY	10282-2198	
			ATTN PRIME BROKER ACCOUNT,				
GOLDMAN SACHS & CO	22NW LP	FAO 22NW LP	200 WEST ST,	NEW YORK	NY	10282-2198	
			ATTN PRIME BROKER ACCOUNT,				
GOLDMAN SACHS & CO	FAO GRUBER LAGUNITAS LLC	BULK SETTLEMENT A/C	200 WEST ST,	NEW YORK	NY	10282-2198	
COLDMAN CACHO & CO	EAG HONEYOOMB AGGET MANAGEMENT	L D	ATTN PRIME BROKER ACCOUNT,	NEWYORK	NIN	10000 0100	
GOLDMAN SACHS & CO	FAO HONEYCOMB ASSET MANAGEMENT	LP	200 WEST ST	NEW YORK	NY	10282-2198	
COLDMAN CACHO & CO	EAO CARRY VOLATILITY MARRANT	MACTED FUND 1 TD	ATTN PRIME BROKER ACCOUNT,	IEDOEV OITV		07000 4000	
GOLDMAN SACHS & CO GOLDMAN SACHS & CO	FAO SABBY VOLATILITY WARRANT FAO WEISS ASSET MANAGEMENT LP	MASTER FUND, LTD ATTN PRIME BROKER	30 HUDSON ST 10TH FLR 200 WEST ST	JERSEY CITY NEW YORK	NJ NY	07302-4699 10282-2198	
GOLDIVIAN SACIS & CO	FAO WEISS ASSET WANAGEWENT LF	ATTN PRIME BROKER	ATTN PRIME BROKER ACCOUNT,	INEW TORK	INT	10202-2190	
GOLDMAN SACHS & CO	MAPLELANE CAPTIAL LLC	FAO MAPLELANE CAPITAL LLC	200 WEST ST	NEW YORK	NY	10282-2198	
GOLDINAN SACHS & CO	MAPLELANE CAPTIAL LLC	FAO MAPLELANE CAPITAL LLC	MASTER FUND LTD,	NEW YORK	INT	10202-2190	
GOLDMAN SACHS & CO	SABBY MANAGEMENT LLC	FAOSABBY VOLATILITY WARRANT	30 HUDSON ST 10TH FLR	JERSEY CITY	NJ	07302-4699	
GOLDMAN SACHS & CO.	F/A/O ALYESKA INVESTMENT GROUP	ATTN PRIME BROKER AREA	77 W. WACKER DRIVE 7TH FLOOR	CHICAGO	IL	60601-1604	
GOLDMAN SACHS & CO.	MAPLELANE CAPITAL, LLC	ATTN PRIME BROKER DEPT	200 WEST STREET	NEW YORK	NY	10282-2198	
GOODMAN FAMILY TRUST	WATELEARE OATTAL, LEO	ADDRESS REDACTED	200 WEGI GIREET	IVEVV TOTAL	141	10202-2130	
GOTHAM CAPITAL V, LLC -	TEST G 2012	825 THIRD AVENUE SUITE 1750		NEW YORK	NY	10022-7519	
GOTHAM CAPITAL V, LLC - NEUTRAL	1201 0 2012	825 THIRD AVENUE SUITE 1750		NEW YORK	NY	10022-7519	
GOTHAM CAPITAL V, LLC-TEST TAX 1		825 THIRD AVENUE SUITE 1750		NEW YORK	NY	10022-7519	
GOTHAM NEUTRAL STRATEGIES	(MASTER) LP - C	C/O GOTHAM ASSET MANAGEMENT LLC	825 THIRD AVENUE. SUITE 1750	NEW YORK	NY	10022-7519	
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GUIDANT PLANNING INC RET PLAN	UAD 01/01/06 ALLEN G YEE TTEE	2655 LOMBARDY RD		SAN MARINO	CA	91108-1516	
GUIDANT PLANNING INC RETIREMENT	PLAN UAD 01/01/06	ALLEN G YEE TTEE	1499 HUNTINGTON DR STE 303	SPASADENA	CA	91030-5449	
GUIDANT PLANNING, INC.	RETIREMENT PLAN FBO ALLEN YEE	1499 HUNTINGTON DRIVE	SUITE 303	S PASADENA	CA	91030-5449	
GULLANE CAPITAL LLC		640 S PERKINS RD		MEMPHIS	TN	38117-4706	
GULLANE CAPITAL PARTNERS LLC		640 SOUTH PERKINDS ROAD		MEMPHIS	TN	38117-4706	
GULLANE DIGITAL ASSET	PARTNERS LLC	640 S PERKINS RD		MEMPHIS	TN	38117-4706	
GULLANE DIGITAL ASSET PARTNERS	QP LLC	640 S PERKINS RD		MEMPHIS	TN	38117-4706	
GULLANE MINING PARTNERS II LLC		640 S PERKINS RD		MEMPHIS	38117-4706		
GULLANE MINING PARTNERS III LLC		640 S PERKINS RD		MEMPHIS	38117-4706		
GULLANE MINING PARTNERS LLC		640 S PERKINS RD		MEMPHIS	38117-4706		



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CORRECTOR LLC	HORIZON KINETICS ASSET MGMT LLC	HUGH CULLMAN	470 PARK AVE S FL 4S		NEW YORK	NY	10016-6860	
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Name	Attention	Address 1	Address 2	City	State	Zip	Country
IRA FBO JAMES F. BLEAKLEY JR. IRA FBO JAMES L LEE		ADDRESS REDACTED ADDRESS REDACTED					
IRA FBO JASON S GOLDSTEIN		ADDRESS REDACTED					
IRA FBO JEFFREY F BLAKE		ADDRESS REDACTED					
IRA FBO JEFFREY E BLAKE		ADDRESS REDACTED					
IRA FBO JEFFREY L COMEAU		ADDRESS REDACTED					
IRA FBO JOHN DAVIDSON		ADDRESS REDACTED					
IRA FBO JONATHAN WANGLER		ADDRESS REDACTED					
IRA FBO JUDITH PLASENCIA-PEINADO		ADDRESS REDACTED					
IRA FBO JULIE C GURRAD		ADDRESS REDACTED					
IRA FBO KAMAL KHABBAZ		ADDRESS REDACTED					
IRA FBO KARL M FRAUGHTON		ADDRESS REDACTED					
IRA FBO Kathleen Delate		ADDRESS REDACTED					
IRA FBO KATY A KEMP		ADDRESS REDACTED					
IRA FBO KAY WADDELL		ADDRESS REDACTED					
IRA FBO KEVIN P PETERSSEN		ADDRESS REDACTED					
IRA FBO KYLE JOHNSON		ADDRESS REDACTED					
IRA FBO LARS A LAMBRECHT		ADDRESS REDACTED					
IRA FBO Lauren Carmel		ADDRESS REDACTED					
IRA FBO LESLIE G LEREW		ADDRESS REDACTED					
IRA FBO LOUIS BOYD FREEMAN III		ADDRESS REDACTED					
IRA FBO MARIE PINON		ADDRESS REDACTED					
IRA FBO MARK A KERN		ADDRESS REDACTED					
IRA FBO MARK D BUDZYNSKI		ADDRESS REDACTED				1	
IRA FBO MARY JOCHUM		ADDRESS REDACTED					
IRA FBO MAURICE E FLURIE III		ADDRESS REDACTED					
IRA FBO MICHAEL DELONG		ADDRESS REDACTED					
IRA FBO MICHAEL MACLEAN		ADDRESS REDACTED					
IRA FBO NANCI K FEITEL		ADDRESS REDACTED					
IRA FBO NANCY JOHNSTON		ADDRESS REDACTED					
IRA FBO NANCY JOHNSTON		ADDRESS REDACTED					
IRA FBO NANCT JOHNSTON		ADDRESS REDACTED					
IRA FBO PAULA A BORDONI IRA FBO PATRICK K MORAN		ADDRESS REDACTED					
IRA FBO PANI R CHITRAPU		ADDRESS REDACTED					
IRA FBO RAJENDRA MANTRALA		ADDRESS REDACTED					
IRA FBO ROBERT A DAIGNEAULT		ADDRESS REDACTED					
IRA FBO ROBERT JAQUITH		ADDRESS REDACTED					
IRA FBO Robert W Bloxham		ADDRESS REDACTED					
IRA FBO RODNEY ASHBY		ADDRESS REDACTED					
IRA FBO SAMUEL S COLEMAN		ADDRESS REDACTED					
IRA FBO SANDRA J GOLDSTEIN		ADDRESS REDACTED					
IRA FBO SARAH HEMOND		ADDRESS REDACTED					
IRA FBO SCOTT MACLEAN		ADDRESS REDACTED					
IRA FBO SEAN MCDONNELL		ADDRESS REDACTED					
IRA FBO SEAN MICHAEL HYATT		ADDRESS REDACTED					
IRA FBO STEPHANIE JAQUITH		ADDRESS REDACTED					
IRA FBO STEPHANIE MACLEAN		ADDRESS REDACTED					
IRA FBO STEPHEN R GUPTILL		ADDRESS REDACTED					
IRA FBO THOMAS BUTTRAM		ADDRESS REDACTED					
IRA FBO VENKAT BALASUBRAMANIAN		ADDRESS REDACTED					
IRA FBO WILLIAM SISK		ADDRESS REDACTED					
IRA FBO WILLIAM T BROWN		ADDRESS REDACTED					
IRA FBO ZECAI WU		ADDRESS REDACTED					
IRA KRAVITZ		ADDRESS REDACTED					
IRA KRAVITZ		ADDRESS REDACTED					
ISAAC ARONOWITZ KATZ		ADDRESS REDACTED					
ISAAC D. LEE		ADDRESS REDACTED					
ISAAC S. HOOVER		ADDRESS REDACTED				1	
IVAN BANK		4711 IRVIN SIMMONS DR		DALLAS	TX	75229-4254	
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J P MORGAN INVESTMENT MGMT INC	FAO JPMORGAN ETFS IRELAND ICAV B	383 MADISON AVE		NEW YORK	NY	10179-0001	
J.P. MORGAN CLEARING CORP	F/A/O ARISTEIA CAPITAL LLC	ATTN PRIME BROKER UNIT	3 CHASE METROTECH CENTER NORTH	BROOKLYN	NY	11245-0001	
J.P. MORGAN CLEARING CORP	FAO MILLENNIUM MGMT LLC	ATTN PRIME BROKER ONT	3 METROTECH CTR	BROOKLYN	NY	11245-0001	
J.P. MORGAN SECURITIES LLC	MILLENNIUM MANAGEMENT LLC	ATTN PRIME BROKER ACCOUNT	3 METROTECH CTR	BROOKLYN	NY	11245-0005	
JACK GABY	INITELLININION INVINAGENENT LLC	ADDRESS REDACTED	O WILLING I LOTT OTA	DIVOOKETIN	IN f	11243-0003	
JACK GABY		ADDRESS REDACTED				1	



Name Attention	Address 1	Address 2	City	State	Zip	Country
JACKSON L. SHELTON	ADDRESS REDACTED	Address 2	City	State	_ ΖΙΡ	Country
JACOBY MCCABE ELLSBURY REV TR	ADDRESS REDACTED					
JAMES B WHELAN	ADDRESS REDACTED					
JAMES C OGABHANN III	ADDRESS REDACTED					
JAMES D DAUGHERTY	ADDRESS REDACTED					
JAMES D MACLEAN	ADDRESS REDACTED					
JAMES D THOMPSON	ADDRESS REDACTED					
JAMES E WORKS	ADDRESS REDACTED					
JAMES F. BLEAKLEY, JR. 2012	ADDRESS REDACTED					
JAMES H BROOKS	ADDRESS REDACTED					
JAMES H BROOKS &	ADDRESS REDACTED					
JAMES ORMOND PROUT	ADDRESS REDACTED					
JAMES SCHURMAN TRUSTEE OF THE	ADDRESS REDACTED					
JAMES V DI FILIPPO	ADDRESS REDACTED					
JAMIE L LAMONS	ADDRESS REDACTED					
JAMIE R GREENE	ADDRESS REDACTED					
JANET G JORDAN DYNASTY TRUST	ADDRESS REDACTED					
JANION ROBERT BOSHOFF	ADDRESS REDACTED					
JASON W. HEALEY	ADDRESS REDACTED					
JAYME KRAVITZ BURK	ADDRESS REDACTED					
JB SALES CO INC	ADDRESS REDACTED					
JEANETTE S JOHNSON	ADDRESS REDACTED					
JEANETTE S. JOHNSON LIVING TRU	ADDRESS REDACTED					
JEFFREY K. JONES	ADDRESS REDACTED					
JEFFREY S NEWNHAM JENNIFER ATKIN IRREVOCABLE	ADDRESS REDACTED ADDRESS REDACTED					
JENNIFER K BEATY	ADDRESS REDACTED					
JERITA G GREENLEE	ADDRESS REDACTED					
JERRY AZZARONE	ADDRESS REDACTED					
JERRY AZZARONE	ADDRESS REDACTED					
JERRY T. STANLEY MANAGEMENT	ADDRESS REDACTED					
JERRY W JOHNSON	ADDRESS REDACTED					
JESSICA M KIERNAN	ADDRESS REDACTED					
JESUS ANTONIO CACHAYA JR	ADDRESS REDACTED					
JG 2021 GST EXEMPT TRUST	ADDRESS REDACTED					
JIM H KRAUSE	ADDRESS REDACTED					
JIMMY R HELBERT	ADDRESS REDACTED					
JIN MING LEI	ADDRESS REDACTED					
JOANNE DEBORAH KELLY	ADDRESS REDACTED					
JOE B THORNTON JR	ADDRESS REDACTED					
JOE BRYAN THORNTON JR 2012 IRREV	ADDRESS REDACTED					
JOEL M VOLINSKI	ADDRESS REDACTED					
JOEL S BITTENSKY	ADDRESS REDACTED					
JOHN BAVIS III	ADDRESS REDACTED					
JOHN BURTON	ADDRESS REDACTED					
JOHN BURTON TRUST	ADDRESS REDACTED					
JOHN C SLUDER	ADDRESS REDACTED					
JOHN CALIPARI	ADDRESS REDACTED					
JOHN CHARLES GOODMAN	ADDRESS REDACTED					
JOHN CHARLES GOODMAN	ADDRESS REDACTED					
JOHN E. SALYER	ADDRESS REDACTED					
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JOHN 9 HEPTIG	ADDRESS REDACTED					
JOHN P KELLERMAN	ADDRESS REDACTED					
JOHN P MANSOUR	ADDRESS REDACTED					
JOHN TURNER	ADDRESS REDACTED					
JOHN W FORD &	ADDRESS REDACTED					
JOHNNY R HOWARD	ADDRESS REDACTED					
JOHNNY R HOWARD	ADDRESS REDACTED			1		
JOHNSON ABRAHAM	ADDRESS REDACTED					
JON R SAYAH 2011 TRUST	ADDRESS REDACTED					
JON SAYAH	ADDRESS REDACTED					
JONATHAN HYLTON	ADDRESS REDACTED					



Name	Attention	Address 1	Address 2	City	State	Zip	Country
JONATHAN L GROOT 2008 IRREV TR UAD 04/01/08	Attorition	ADDRESS REDACTED	Addi 000 Z	O.t.y	Otato	Lip	Country
JONATHAN TSCHETTER		ADDRESS REDACTED					
JORDAN N.H. BULGER TTEE		ADDRESS REDACTED					
Joseph Bodenheimer		ADDRESS REDACTED					
JOSEPH GAMBERALE		ADDRESS REDACTED					
JOSHUA N MANCUSO		ADDRESS REDACTED					
JOYCE A CARTER		ADDRESS REDACTED					
Joyce K Jennings		ADDRESS REDACTED					
JP MORGAN CHASE NA TTEE	SIEMENS SAVINGS PLAN	FBO DANIEL SCUEREB	109 2ND ST S, APT 438	KIRKLAND	WA	98033-9002	
JP MORGAN CHASE NA TTEE	SIEMENS SAVINGS PLAN	FBO GANDHARV BHATARA	1177 CALIFORNIA STREET, APT 1022	SAN FRANCISCO	CA	94108-2222	
JP MORGAN CHASE NA TTEE TTEE	SIEMENS ENERGY SAVINGS PLAN	FBO MARY C CHIOZZA	9953 LAKE GEORGIA DR.	ORLANDO	FL	32817-3120	
JP MORGAN CLEARING CORP	DAVIDSON KEMPNER CAPITAL MANAGEM	ATTN PRIME BROKER DEPT	3 METROTECH CENTER	BROOKLYN	NY	11245-0005	
JP MORGAN CLEARING CORP	MILLENNIUM PARTNERS	LLC	ATTN PRIME BROKER ACCOUNT, 3 METROTECH CTR	BROOKLYN	NY	11245-0005	
JP MORGAN SECURITIES LLC FAO	APPLIED PHILOSOPHY/LEGG MASON	ATTN PRIME BROKER ACCOUNT	3 METROTECH CTR	BROOKLYN	NY	11245-0005	
JRO INC DEFINED BENEFIT PLAN	FBO JEFF ROSS U/A 11/22/2010	1880 CENTURY PARK EAST	#1600	LOS ANGELES	CA	90067-1661	
JUDITH A. CASTAINCA		ADDRESS REDACTED					
JULIE A PROSCIA		ADDRESS REDACTED					
JULIE ANN ROSENTHAL TRUST		ADDRESS REDACTED					
JULIE SEELEY		ADDRESS REDACTED					
JUNE N MUEHR REV LIVING TRUST		ADDRESS REDACTED					
JUSTIN L NOWLIN		ADDRESS REDACTED					
KACTON J.L. DEVOTI		ADDRESS REDACTED					
KAREN J DIONNE		ADDRESS REDACTED					
KAREN K DAVISSON		ADDRESS REDACTED					
KAREN K. DAVISSON		ADDRESS REDACTED					
KAREN M. MOORE		ADDRESS REDACTED					
KAREN SHOSID WEINREB		ADDRESS REDACTED					
KAREN WHITE TTEE;		ADDRESS REDACTED					
KARIN J. BESSER		ADDRESS REDACTED					
KATARINA A KNIGHT		ADDRESS REDACTED					
KATE REBECCA ESLER		ADDRESS REDACTED					
Kathleen Delate		ADDRESS REDACTED					
Kathleen Delate		ADDRESS REDACTED					
KATHY A WALKER		ADDRESS REDACTED					
KATRIEN VAN LAEKEN		ADDRESS REDACTED					
KB SECURITIES CO., LTD	YEOUINARU-RO 50			SEOUL			REPUBLIC OF KOREA
KEITH R BELL		ADDRESS REDACTED					
KELLY L LAMONS		ADDRESS REDACTED					
KELLY LAMONS CUSTODIAN FBO		ADDRESS REDACTED					
KELLY LAMONS CUSTODIAN FBO		ADDRESS REDACTED					
KENNETH D ENGLAND		ADDRESS REDACTED					
KENNETH D ENGLAND &		ADDRESS REDACTED					
KENNETH D YEARWOOD		ADDRESS REDACTED					
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KENNETH G COLLINS		ADDRESS REDACTED					
KENNETH L TOLLEY		ADDRESS REDACTED					
KENNETH R PARHAM		ADDRESS REDACTED					
KENNETT B PARKES		ADDRESS REDACTED					
KENT NOVAK		ADDRESS REDACTED					
KEPLER CHEUVREUX SA		ADDRESS REDACTED					
KERRY LANCE MARKWARDT		ADDRESS REDACTED					
KERRY S BISSING		ADDRESS REDACTED					
KEVIN L GOSNELL		ADDRESS REDACTED					
Kevin Lennon Thomas		ADDRESS REDACTED					
KEVIN MANZOLINI		ADDRESS REDACTED					
KIMBERLEY HEESUN FLANNERY		ADDRESS REDACTED					
KIMBERLY D DAVIS		ADDRESS REDACTED					
KINETICS ASSET MGMT	DESERET MUTUAL BENEFIT	470 PARK AVE SOUTH	3RD FLOOR	NEW YORK	NY	10016-6957	
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LOUIS & JOAN BRADDITTEES: LOUIS E & PATRICIA J POTEMPA LOUIS E & PATRICIA J POTEMPA LOUIS E & PATRICIA J POTEMPA LUCAS GRANT HEARTSILL LUCAS GRANT HEARTSILL LUCAS GRANT HEARTSILL LUCINDA R. ZANDERS LUCINDA R. ZANDERS ADDRESS REDACTED LUIS LEMA LUCINDA R. ZANDERS LUIS LEMA LUIZ ARAUJO ADDRESS REDACTED LYNN J JERATH REVOCABLE TRUST ADDRESS REDACTED LYNN J JERATH REVOCABLE TRUST ADDRESS REDACTED LYNN J JERATH REVOCABLE TRUST ADDRESS REDACTED ADDRE								+
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	MARGARET A BOARDMAN							1
	MARGARET CAMPELL JAFFE							



Name	Attention	Address 1	Address 2	City	State	Zip Country
MARIA BLOOMFIELD TTEE;	Attention	ADDRESS REDACTED	Addie33 2	Oity	Otate	2.p Country
MARIE M HERRMANN		ADDRESS REDACTED				
MARIE M HERRMANN		ADDRESS REDACTED				
MARIE M. HERRMANN		ADDRESS REDACTED				
MARILYN S WALLERSTEIN		ADDRESS REDACTED				
MARION D BROWN		ADDRESS REDACTED				
MARJORIE J STERN TTEE		ADDRESS REDACTED				
MARK A KLEPPER		ADDRESS REDACTED				
MARK A KLEPPER		ADDRESS REDACTED				
MARK D EDWARDS		ADDRESS REDACTED				
MARK D GIBSON		ADDRESS REDACTED				
MARK E BOURNE		ADDRESS REDACTED				
MARK EDWARD DREVER		ADDRESS REDACTED				
MARK H. SEGOVIS		ADDRESS REDACTED				
MARK KLEPPER CUSTODIAN FBO		ADDRESS REDACTED				
MARK KLEPPER CUSTODIAN FBO		ADDRESS REDACTED				
MARK SKORPIL		ADDRESS REDACTED				
MARK TRAVIS		ADDRESS REDACTED				
MARRUS FAMILY FOUNDATION INC	HORIZON MGMT	ALL CAP GLOBAL OPPORT	13 LINDEN LANE	RUMSON	NJ	07760-1245
MARSHA R JENNINGS		ADDRESS REDACTED				
MARSHA R JENNINGS		ADDRESS REDACTED				
MARY A HELBERT		ADDRESS REDACTED				
MARY B. EVANS		ADDRESS REDACTED				
MARY E. EDWARDS		ADDRESS REDACTED				
MARY JEAN VICKERS		ADDRESS REDACTED				
MARY MADDUX WHITE		ADDRESS REDACTED				
MATIAS PIRES		ADDRESS REDACTED				
MATRIX MINING LTD CO		220 OUTLET POINT BLVD		COLUMBIA	SC	29210-5667
MATTHEW A. FAUST		ADDRESS REDACTED				
MATTHEW C CHALFANT		ADDRESS REDACTED				
MATTHEW D GREER		ADDRESS REDACTED				
MATTHEW E LASKO		ADDRESS REDACTED				
MATTHEW E LASKO		ADDRESS REDACTED				
MATTHEW ELLIOT BURKE		ADDRESS REDACTED				
MATTHEW GARBER		ADDRESS REDACTED				
MATTHEW J. GAFFNEY		ADDRESS REDACTED				
MATTHEW RUSSELL MANN		ADDRESS REDACTED				
MAUREEN E DOYLE		ADDRESS REDACTED				
MCEWIN FAMILY SUPERFUND		ADDRESS REDACTED				
MCGINNIS FAMILY TRUST UAD		ADDRESS REDACTED				
MCNAMEE FAMILY REVOCABLE		ADDRESS REDACTED				
MEAGAN N. NORTON		ADDRESS REDACTED				
MELISSA L. GAFFNEY		ADDRESS REDACTED				
MELLON INVESTMENTS CORPORATION		ADDRESS REDACTED				
MELVYN A. GREENBERG FAMILY		ADDRESS REDACTED				
MEREDITH R SHRADER		ADDRESS REDACTED				
MEREDITH R. SHRADER		ADDRESS REDACTED				
			ATTN PRIME BROKER ACCOUNT,			
MERRILL LYNCH PROF CLEARING CORP	BRIGHTLIGHT CAPITAL MGMT LP	FAO PIPER FOR BRIGHTLIGHT	222 BROADWAY 12TH FLR	NEW YORK	NY	10038-2579
			ATTN PRIME BROKER ACCOUNT,			
MERRILL LYNCH PROF CLEARING CORP	MILLENNIUM PARTNERS	F/A/O MILLENIUM PARTNERS LP	222 BROADWAY 6TH FLOOR	NEW YORK	NY	10038-2579
MERRILL LYNCH PROF CLEARING CORP	PRECEPT MANAGEMENT LLC	PRECEPT CAPITAL MANAGEMENT LP	222 BROADWAY FL 12	NEW YORK	NY	10038-2579
MERRILL LYNCH PROF CLRNG CO	NISHKAMA CAPITAL LLC	ATTN PRIME BROKER ACCOUNT	222 BROADWAY FL 12	NEW YORK	NY	10038-2579
MERRILL LYNCH PROFESSIONAL CLEAR	FAO MILLENIUM PARTNERS LP	ATTN PRIME BROKER ACCOUNT	222 BROADWAY FL 12	NEW YORK	NY	10038-2579
MGC CONTRACTORS, INC TTEE	MGC CONTRACTORS, INC. SECTION 40	FBO JOHN K ANDERSON	592 SHEPHERDS RANCH	BULVERDE	TX	78163-3442
MICHAEL ANTHONY PISCIONERI		ADDRESS REDACTED				
MICHAEL B ATKINS		ADDRESS REDACTED				
MICHAEL DELONG		ADDRESS REDACTED				
MICHAEL G MYERS		ADDRESS REDACTED				
MICHAEL J BROWN		ADDRESS REDACTED				
MICHAEL L. BROWER AND MELISA		ADDDESS DEDASTED				
IMICHAEL L MELTON		ADDRESS REDACTED				
MICHAEL L. MELTON		ADDRESS REDACTED				
MICHAEL MACLEAN		ADDRESS REDACTED ADDRESS REDACTED				
MICHAEL MACLEAN MICHAEL MACLEAN CUSTODIAN		ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED				
MICHAEL MACLEAN		ADDRESS REDACTED ADDRESS REDACTED				



Name	Attention	Address 1	Address 2	City	State	Zip	Country
MICHAEL P MUEHR	Attention	ADDRESS REDACTED	Addiess 2	Oity	Otate	_ Zip	Country
MICHAEL P MUEHR C/F		ADDRESS REDACTED					
MICHAEL RYAN BARNES		ADDRESS REDACTED					
MICHAEL RYAN BARNES		ADDRESS REDACTED					
MICHAEL S ECKOLS		ADDRESS REDACTED					
MICHAEL STARCHER		ADDRESS REDACTED					
MICHAEL T MCNEESE		ADDRESS REDACTED					
MICHAEL T MCNEESE		ADDRESS REDACTED					
MICHAEL T MCNEESE &		ADDRESS REDACTED					
MICHAEL T. MCNEESE		ADDRESS REDACTED					
MICHAEL W JORDAN DYNASTY		ADDRESS REDACTED					
MICHAEL ZEE TTEE		ADDRESS REDACTED					
MICHELE MERLER		ADDRESS REDACTED					
MICHELLE FRANCES STUART		ADDRESS REDACTED					
MIHIR NAIK		ADDRESS REDACTED					
MILTON R ANDERSON		ADDRESS REDACTED					
MITCHELL DUPRE		ADDRESS REDACTED					
MIZUHO SECURITIES		ADDRESS REDACTED					
MM MANAGEMENT LTD CO	FAC: MMC BANK CORD DDOD	220 OUTLET POINT BLVD	WORLD TRADE OFNITER	COLUMBIA	SC	29210-5667	DANIAMA
MMG BANK CORPORATION	FAO: MMG BANK CORP PROP	P.O. BOX 0832-02453	WORLD TRADE CENTER			-	PANAMA
MOHAMMAD T KAHOOK		ADDRESS REDACTED					
MOISE BELLO		ADDRESS REDACTED	ATTN DRIME BROKER ACCOUNT				
MORGANI STANI EV & CO	NICHKAMA CARITAL LLC	EXECUTION	ATTN PRIME BROKER ACCOUNT, ONE NEW YORK PLAZA	NEW YORK	NY	10004-1935	
MORGAN STANLEY & CO	NISHKAMA CAPITAL LLC		ONE NEW YORK PLAZA	NEW YORK	NY		
MORGAN STANLEY & CO INC. MORGAN STANLEY & CO INC.	F/A/O ARISTEIA CAPITAL LLC FAO ERGOTELES LLC	ATTN PRIME BROKER ACCOUNT ATTN PRIME BROKER ACCOUNT	ONE NEW YORK PLAZA	NEW YORK NEW YORK	NY	10004-1901 10004-1901	
MORGAN STANLEY & COINC. MORGAN STANLEY & COINC.	FAO WEISS ASSET MANAGEMENT LP	ATTN PRIME BROKER ACCOUNT	ONE NEW YORK PLAZA	NEW YORK	NY	10004-1901	
MORGAN STANLET & CO INC.	FAO WEISS ASSET WANAGEWENT LF	AT IN PRIME BROKER ACCOUNT	ATTN PRIME BROKER ACCOUNT,	NEW TORK	INT	10004-1901	
MORGAN STANLEY & CO INC.	FAO X-ENTITY 0302C IPB/ALPHAS	MANAGED ACCOUNTS	ONE NEW YORK PLAZA	NEW YORK	NY	10004-1935	
MR GORDON L MATTOCKS III	TAO X-ENTITI 03020 II BIALI TIAO	ADDRESS REDACTED	ONE NEW TOTAL ELEX	INEW FORK	INI	10004-1333	
MR HUGH ROBINSON		ADDRESS REDACTED					
MRS TANYA DEL POZZO		ADDRESS REDACTED					
MWJDT APPOINTIVE FAMILY TRUST		ADDRESS REDACTED					
MWJDT APPOINTIVE FAMILY TRUST		ADDRESS REDACTED					
NANCY BRADBURY BELTON		ADDRESS REDACTED					
NANCY SHOSID		ADDRESS REDACTED					
NATHAN TANNER-BRAUN		ADDRESS REDACTED					
			499 WASHINGTON BLVD, MAIL ZONE				
NATIONAL FINANICAL SERVICES	FAO:FIDELITY CAPITAL MARKETS AWH	CAPITAL, LP	NJ4A	JERSEY CITY	NJ	07310-1995	
NATURAL SUCCESS INC		8 OLYMPIC WAY		COTO DE CAZA	CA	92679-4839	
NATURAL SUCCESS INC MPP	MARILYN MCCORMICK TRUSTEE	DANIEL MCCORMICK TRUSTEE	8 OLYMPIC WAY	COTO DE CAZA	CA	92679-4839	
NAYEF M Z ALBASMAN		ADDRESS REDACTED					
NED S HARRISON		ADDRESS REDACTED					
NEEMA U COOPER		ADDRESS REDACTED					
NIKOLAS SCOTT JEFFERSON		ADDRESS REDACTED					
NISSAN SECURITIES	1-38-11 NIHONBASHI	1-38-11 NIHONBASHI	KAKIGARA-CHO, CHUO-KU	TOKYO		103-0014	JAPAN
NOBILIS CORREDOR DE BOLSA SA	FAO: 406897	RINCON 477 OF 704	11 000 MONTEVIDEO, URUGUAY				URUGUAY
NORMA S HOOVER		ADDRESS REDACTED					
NORMAN KIRKWOOD		ADDRESS REDACTED		2,42,42			
NORTHERN TRUST COMPANY	99-99999	ACCOUNT	50 SOUTH LASALLE STREET	CHICAGO	IL TV	60603-1003	1
NORTHERN TRUST COMPANY TTEE	TOWERS WATSON SAVINGS PLAN	FBO NICHOLAS S WESTPHAL	2216 CHENEVERT STREET, UNIT 17	HOUSTON	TX	77003-5853	1
NORTHERN TRUST INVESTMENTS	99-99999 NTCIC 00 00000	181 W MADISON ST		CHICAGO	IL II	60602-4510	
NORTHERN TRUST INVESTMENTS INC NORTHERN TRUST TTEE	NTGIC 99-99999 ACCENTURE RETIREMENT SVGS PLAN	50 S LASALLE FL 4 FBO ANDREW GEORGE BARNARD	9150 DDESTWICK CID	CHICAGO DULUTH	IL CA	60603-1003 30097-6675	1
NORTHERN TRUST TIEE NORTHERN TRUST TIEE	ACCENTURE RETIREMENT SVGS PLAN	FBO BRETT PARENZAN	8150 PRESTWICK CIR 226 S WEST ST	ALEXANDRIA	GA VA	22314-2827	
NORTHERN TRUST TTEE	ACCENTURE RETIREMENT SVGS PLAN ACCENTURE RETIREMENT SVGS PLAN	FBO MAHESH SAHU	802 MILTON WAY	COPPELL	TX	75019-2794	1
NORTHERN TRUST TIEE	ACCENTURE RETIREMENT SVGS PLAN	FBO WILLIAM HART	11 OLD ORCHARD LOOP	NORWALK	OH	44857-9545	
NORTHERN TRUST TTEE	ACCENTURE RETIREMENT SVGS PLAN	FBO Z M GOLAM DASTAGIR	1502 KNOLL RIDGE CIRCLE	CORINTH	TX	76210-1905	
NORTHERN TRUST TTEE	ACCENTURE RETIREMENT SVGS PLANS	FBO EVARISTO VIRREY	150-36 87TH ROAD	JAMAICA	NY	11432-3312	<u> </u>
NORTHERN TRUST TIEE	CATERPILLAR 401K SAVINGS PLANS	FBO DARYL KUISSI	1705 WEST KINGSWAY DR.	PEORIA	II.	61614-1615	
NORTHERN TRUST TTEE	CATERPILLAR 401K SAVINGS PLAN	FBO JAMES GIBSON	5921 N. WESTERN ST.	EDWARDS	IL IL	61528-9702	+
NORTHERN TRUST TTEE	CATERPILLAR 401K SAVINGS PLAN	FBO SAMUEL RIVERA	1484 EDGEHILL DR	CHULA VISTA	CA	91913-2982	
NORTHERN TRUST TTEE	GEORGIA PACIFIC HOURLY 401K PL	FBO DAVID ECKARD	1106 EDUCATION WAY LANE	BIG ISLAND	VA	24526-3333	
NORTHERN TRUST TTEE	GEORGIA PACIFIC RET SAVINGS PL	FBO JACKSON HARRIS	759 E SAMFORD AVE	AUBURN	AL	36830-7411	
NORTHERN TRUST TTEE	SCHLUMBERGER TECH CO SVGS & PS	FBO CHRISTOPHER MERANDA	9700 MANASSAS DR.	FLORENCE	41042-8325	i	
NORTHERN TRUST TTEE	SCHLUMBERGER TECH CO SVGS & PS	FBO LYSA AGUILAR	3914 TRIPOLI DR	PASADENA	77505-3355	i	
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PROFITE THE POLICE AS ITS SAFET 25/09 PANE POLICE THAN 201 WHITE TAIL DR 204 WHITE TAIL DR	Name	Attention	Address 1	Address 2	City	State	Zip	Country
NEW COURTS REPORTED SHALLOW ACC PRIZED 11 STATE STREET HIT-LOOK CLUTT AC. (9) 10 DOCC CENTRE SHALLOW ACC PRIZED SHAPP SINGAT SCATT SCATT SCATT SCATT SHAPP SINGAT SHAPP SHA	NORTHERN TRUST TTEE					MI		
ORG SEQUENTES FROMTE TD SOUTH								
DECAPL A JUNGUERA				CLIENT A/C, #01-00 OCBC CENTRE				
ADDRESS REDACTED PARKETER POPERFOLO ASSOCIATES MANUALLO PARAMETRIC SMALL CA SOS THAN ARE TE 8500 SEATTLE WA MINISTER	OCBC SECURITIES PRIVATE LTD	18 CHURCH STREET	SINGLE AGENCY ACCOUNT	SOUTH			049479	SINGAPORE
PARAMETRIC PORTIFICIO ASSOCIATES COPINI MAIN AND SET AND SEATTLE WA BIRDA-HIDD MAIN AND SET AND								
PARAMETRIC PORTFOLIO ASSOCIATES	PAMELA S LAMB		ADDRESS REDACTED					
PARAMETRIC POPITION OF SECURITY VAX 98154-1101	PARAMETRIC PORTFOLIO ASSOCIATES	GLOFUN	800 5TH AVE STE 2800		SEATTLE	WA	98104-4109	
PRADER FOR PORTFOLIO ASSOCIATES	PARAMETRIC PORTFOLIO ASSOCIATES	HAWAII LLC PARAMETRIC SMALL CA	800 5TH AVE STE 2800		SEATTLE	WA	98104-4109	
PARAMERIC PORTPOLIO ASSOCIATES SHARON D LUND RESIDUAL TRUST MOSTH AWE SET 2800 SEATILE WA 89304-1109	PARAMETRIC PORTFOLIO ASSOCIATES	JPM OMNIBUS	800 5TH AVE STE 2800		SEATTLE	WA	98104-4109	
BARGER N. RICHE ADDRESS REDACTED	PARAMETRIC PORTFOLIO ASSOCIATES	MICHELLE LUND REVOCABLE TRUST	800 5TH AVE STE 2800		SEATTLE	WA	98104-4109	
PARCE N. RIJSH	PARAMETRIC PORTFOLIO ASSOCIATES	SHARON D LUND RESIDUAL TRUST F	800 5TH AVE STE 2800		SEATTLE	WA	98104-4109	
PATRICIA VINISON	PARKER W. RUSH		ADDRESS REDACTED					
PATHOR W PARAMOOD ADDRESS REDACTED	PATRICIA ROTONDO		ADDRESS REDACTED					
PATHOLIC M. GRIPTEN ADDRESS REDATED	PATRICIA V WILSON		ADDRESS REDACTED					
PATTY E CALLAM ADDRESS REDACTED ADDRESS REDACTED DAIL F LYNN ADDRESS REDACTED DAIL F LYNN ADDRESS REDACTED DAIL F LYNN ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED ATTN PRIME BROWER SERVICES ADDRESS REDACTED ADDRESS REDACTE	PATRICIA YEARWOOD		ADDRESS REDACTED					
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AUDIESS REPORTED	PAUL A KNIGHT							
PAUL P FLYNN ADDRESS REDACTED PAUL A BROWN ADDRESS REDACTED ADDRESS REDACTED TEGNING PRIME BROKER FAD GOTHAM ASSET MANAGEMENT LLC COD CEDATMENT								
PAULA R BROWN ADRESS REDACTED								†
PEGSHIND PRIME BROKER FAO GOTHAM ASSET MANAGEMENT LLC							1	
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PERSHING PRIME BROKER FAO				ATTN PRIME BROKER SERVICES.			1	†
PERSHING PRIME BROKER FBO HORSTMANN EXECUTION ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED PETER ADDRESS REDACTED ADDRESS REDACTED PETER ADDRESS REDACTED ADDRESS REDACTED PETER NORWIG & KRISTAN NORWIG ADDRESS REDACTED ADDRESS REDACTED PETER NORWIG & KRISTAN NORWIG ADDRESS REDACTED PHILLIP S GREGG ADDRESS REDACTED ADDRESS	PERSHING PRIME BROKER FAO	GOTHAM ASSET MANAGEMENT LLC	COD ACCOUNT		JERSEY CITY	N.I	07399-0001	
DERSHIND PRIME BROKER FRO	PEROLING FRANCE BROKERT 710	OCTIVILITIESET IN UNITEDENTIFICATION	002710000111		02.102.1 0.1.1		0.000 000.	
ADDRESS REDACTED	PERSHING PRIME BROKER FRO	HORSTMANN EXECUTION	COD DEPARTMENT		JERSEY CITY	N.I	07399-0001	
PETER J ROBINSON		THOROTON WITH EXECUTION		01121 21101111101 212101111 20011	UERGET GITT	140	07000 0001	+
PETER J KOBINSON								+
PETER JAWRIEX HOLDING TRUST ADDRESS REDACTED								+
FETER NARIN ENNIE FETER NARIN S RISITAM NORVIG ADDRESS REDACTED HILLIP JERTEL ADDRESS REDACTED ADDRESS REDACTED HILLIP JATEL ADDRESS REDACTED HILLIP JATEL ADDRESS REDACTED HILLIP S GREGG ADDRESS REDACTED HILLIP S GREGG ADDRESS REDACTED HILLIP S GREGG ADDRESS REDACTED ADDRESS REDACTED HILLIP S GREGG ADDRESS REDACTED ADDRESS REDACTED HILLIP S GREGG ADDRESS REDACTED ADDRESS REDACTED HILLIP S GREGG USTODIAN ADDRESS REDACTED HILLIP S GREGG USTODIAN ADDRESS REDACTED FINICILLA C DICK ADDRESS REDACTED ADDRES								-
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Name	Attention	Address 1	Address 2	City	State	Zip	Country
RICHARD E GREENE	Attention	ADDRESS REDACTED	Address 2	City	State	Ziμ	Country
RICHARD E. GREENE		ADDRESS REDACTED					
Richard H Rupp Family Trust		ADDRESS REDACTED					
RICHARD M DALLAIRE		ADDRESS REDACTED					
RICHARD M MOORE		ADDRESS REDACTED					
RICHARD M MOORE		ADDRESS REDACTED					
RICHARD M MOORE II TTEE		ADDRESS REDACTED					
RICHARD MARKLEN KENNEDY		ADDRESS REDACTED					
RICHARD SAVARD		ADDRESS REDACTED					
ROBBIE BAKER		ADDRESS REDACTED					
ROBERT C LABIANCA		ADDRESS REDACTED					
ROBERT CRAIG ROBSON		ADDRESS REDACTED					
ROBERT D ROSENTHAL		ADDRESS REDACTED					
ROBERT D. ROSENTHAL 2017		ADDRESS REDACTED					
ROBERT E ADAIR &		ADDRESS REDACTED					
ROBERT HENLEY		ADDRESS REDACTED					
ROBERT J SHELTON		ADDRESS REDACTED					
ROBERT J. SHELTON		ADDRESS REDACTED					
ROBERT PANE		ADDRESS REDACTED					
ROBERT RENNER		ADDRESS REDACTED					
ROBERT S SPAETH		ADDRESS REDACTED					
ROBERT SEGUSO		ADDRESS REDACTED					
ROBIN CHARLES ASHBY		ADDRESS REDACTED					
ROBIN D TULLOCK		ADDRESS REDACTED					
ROBIN D. TULLOCK		ADDRESS REDACTED					
ROBIN F WALTER		ADDRESS REDACTED					
ROBIN TULLOCK CUSTODIAN FBO		ADDRESS REDACTED					
ROBIN TULLOCK CUSTODIAN FBO		ADDRESS REDACTED					
RODNEY D WALKER		ADDRESS REDACTED					
RONALD L JACOBY &		ADDRESS REDACTED					
RONALD R. CRUM		ADDRESS REDACTED					
RONALD R. CRUM		ADDRESS REDACTED					
Ross Berman		ADDRESS REDACTED					
ROY H. GREENBERG FAMILY TRUST		ADDRESS REDACTED					
ROY W CLEVER JR		ADDRESS REDACTED					
RUSSELL G JOHNSON		ADDRESS REDACTED					
RUSSELL J LANG		ADDRESS REDACTED					
RUSSELL P CANN		ADDRESS REDACTED					
RUSSELL SCURTO REVOCABLE TRUST		ADDRESS REDACTED					
RYAN JAMES LIVINGSTON		ADDRESS REDACTED					
RYAN P MCBRIDE		ADDRESS REDACTED					
S & S BALL SUPERANNUATION FUND		ADDRESS REDACTED					
			SHELTON OFFICERS, 495 EBENEZER				
S/T FARMS INC	CARL C SHELTON, STEFHAN	SHELTON, BRYAN SHELTON & MARIE	ROAD	CHUCKEY	TN	37641	
SAAD OBAID NASER ALDOSARI		ADDRESS REDACTED					
SABRA GLOBAL, LLC	ATTN: VLADIMIR KITAYGORODSKY	12758 NW 69TH CT		PARKLAND	FL	33076-1967	
SAFRA SECURITIES LLC	NSCC FLIP DTC #8457	546 5TH AVE		NEW YORK	NY	10036-5000	
SALLY-CHRISTINE RODGERS SEP		ADDRESS REDACTED					
SALVATORE J DIMUCCI JR TRUST		ADDRESS REDACTED					
SALVATORE J VIVIANO		ADDRESS REDACTED					
							REPUBLIC
SAMSUNG SECURITIES CO LTD	11, SEOCHO-DAERO 74-GIL	SEOCHO-GU, 11TH FLOOR	SAMSUNG ELECTRONICS BUILDING	SEOUL			OF KOREA
SAMUEL A. ORENDAIN		ADDRESS REDACTED					
SAMUEL L LINDLEY		ADDRESS REDACTED					
SAMUEL M MARGOLIS TRUST		ADDRESS REDACTED					
SANDRA G. BRITTON		ADDRESS REDACTED					
SANDRA J. DENNEY		ADDRESS REDACTED					
SANDRA LOUISE HOLLOWAY		ADDRESS REDACTED					
SANJEEV SIWACH		ADDRESS REDACTED					
SARA W. CLAIBORNE		ADDRESS REDACTED					
			KING FAHAD ROAD, NEAR TAHLIA				SAUDI
SAUDI FRANSI CAPITAL		749 LEGEND TOWER	STREET				ARABIA
SCHILLER SIMILIEN		ADDRESS REDACTED					
SCHWAB CRYPTO THEMATIC ETF		101 MONTGOMERY ST		SAN FRANCISCO	CA	94104-4151	
SCHWAB SMALL-CAP INDEX FUND SCHWAB TOTAL STOCK MARKET INDEX	CHARLES SCHWAB C/O CHARLES SCHWAB	211 MAIN ST FL 2 211 MAIN STREET SF211MN-02		SAN FRANCISCO SAN FRANCISCO	CA CA	94105-1908 94105-1905	



Name	Attention	Address 1	Address 2	City	State	Zip	Country
SCHWAB U.S. BROAD MARKET ETF	C/O CHARLES SCHWAB INV MGT	211 MAIN ST,SF211MN-02	Audress 2	SAN FRANCISCO	CA	94105-1905	Country
SCHWAB U.S. SMALL-CAP ETF	CHARLES SCHWAB	211 MAIN ST FL 2		SAN FRANCISCO	CA	94105-1908	
SCOTT A DEZELL		ADDRESS REDACTED					
SCOTT GORDON		ADDRESS REDACTED					
SCOTT JACQUES		ADDRESS REDACTED					
SCOTT K BAUER		ADDRESS REDACTED					
SCOTT KNIGHT CUSTODIAN FBO		ADDRESS REDACTED					
SCOTT MACLEAN		ADDRESS REDACTED					
SCOTT T KNIGHT		ADDRESS REDACTED					
SEAN CLARK		ADDRESS REDACTED					
SEP FBO ADAM ZEIBERG SEP FBO CAROL L TROXELL		ADDRESS REDACTED ADDRESS REDACTED					
SEP FBO CAROL L TROXELL SEP FBO CATHY L BROWN		ADDRESS REDACTED ADDRESS REDACTED					
SEP FBO CATHY L BROWN SEP FBO CHARLENE J ZEIBERG		ADDRESS REDACTED ADDRESS REDACTED					
SEP FBO DAVID E LOVEN		ADDRESS REDACTED		+			
SEP FBO GENE W WALTER		ADDRESS REDACTED					
SEP FBO MARTY MONONI		ADDRESS REDACTED					
SEP FBO MONTE ZWEBEN		ADDRESS REDACTED					
SEP FBO ROBERT RENNER		ADDRESS REDACTED					
SEP FBO SHELBY P LASALLE JR		ADDRESS REDACTED					
SEP FBO SPENCER FORTWENGLER		ADDRESS REDACTED					
SG AMERICAS SECS LLC	SECURITIES LENDING/BORROWING	245 PARK AVENUE THIRD FLOOR		NEW YORK	NY	10167-0002	
SGB IRREVOCABLE TRUST	TRUST DTD 01/23/20	ROBERT A. TRYANSKI TTEE	320 NORTH EATON DRIVE	LAWRENCE	KS	66046	
SGSS	SPA/FBO FINECOBANK OMNIBUS	VIA BENIGNO CRESPI 19/1 MAC2	20159 MILANO ITALY				ITALY
SHALOM KRENGEL		ADDRESS REDACTED					
SHALONDRA HARRIS-WASHINGTON		ADDRESS REDACTED					
SHANDRA R JACKSON		ADDRESS REDACTED					
SHARLENE R DUNBAR SHEILA CARTER CUSTODIAN FBO		ADDRESS REDACTED ADDRESS REDACTED					
SHEILA CARTER CUSTODIAN FBO		ADDRESS REDACTED					
SHEILA D CARTER		ADDRESS REDACTED					
SHELLY J. LEWIS		ADDRESS REDACTED					
SHERI L. LAMONS		ADDRESS REDACTED					
SHERRI S GREGG		ADDRESS REDACTED					
SHERRI S GREGG		ADDRESS REDACTED					
SHERRI S GREGG		ADDRESS REDACTED					
SHERYL J DUPRE		ADDRESS REDACTED					
SHERYL S SHIELDS		ADDRESS REDACTED					
							REPUBLIC
SHINHAN INVESTMENT CORP	70 YEOUI-DAERO	YEONGDEUNGPO-GU	SEOUL 07325	SEOUL			OF KOREA
SHIRLEY J EVANGELISTA SHIRLEY M MELTON		ADDRESS REDACTED ADDRESS REDACTED					
SHIRLET IN MELTON		ADDRESS REDACTED					REPUBLIC
SKSECCO	31. GUKJEGEUMYUNG-RO 8-GIL	YEONGDEUNGPO-GU		SEOUL			OF KOREA
SLB INVESTMENT HOLDINGS LLC	51, GORGEGEOWITONG-RO 0-GIE	1720 THATCH PALM DR		BOCA RATON	FL	33432-7453	OF ROILER
SNYDER 2014 REVOCABLE TRUST		ADDRESS REDACTED		200/11011011		00.02 7.00	
SONYA HUAYTA QUIJADA		ADDRESS REDACTED					
SPECIAL OPPORTUNITIES FUND,	LTD.	400 PARK AVENUE	10TH FLOOR	NEW YORK	NY	10022-9406	
SPECTRE TRUST	UAD 01/19/16	SPECTRE VENTURES PTY LIMITED	TTEE, 23 THE CRESCENT	MOSMAN	NSW	2088	AUSTRALIA
SPENCER SALVADOR		ADDRESS REDACTED					
STACEY BENDET EISNER		ADDRESS REDACTED					
STARMAN HOLDINGS, LLC		97 ADALIA AVE		TAMPA	FL	33606-3340	
STATE STREET BANK & TRUST TTEE	IP HOURLY SAVINGS PLAN	FBO BRIAN STANFIELD	2438 FLINTSTONE DRIVE	CANTONMENT	FL	32533-7882	
STATE STREET BANK & TRUST TTEE	IP SALARIED SAVINGS PLAN	FBO WALTER T ARNOLD	1200 WALKER STREET	IRON MOUNTAIN	MI	49801-6602	
STATE STREET GLOBAL ADVISORS	BELLSOUTH CORP. RFA VEBA TRUST	1 LINCOLN STREET		BOSTON	MA MA	02111-2901	
STATE STREET GLOBAL ADVISORS STATE STREET GLOBAL ADVISORS	7BB8 A/C: FB02	1 LINCOLN STREET 1 LINCOLN STREET		BOSTON BOSTON	MA	02111-2901 02111-2901	
STATE STREET GLOBAL ADVISORS STATE STREET GLOBAL ADVISORS	NEXTERA ENERGY LLC - TEMC	RUSSELL 3000	1 LINCOLN STREET	BOSTON	MA	02111-2901	
STATE STREET GLOBAL ADVISORS	SYLVAN PARTNERS SERIES I	1 LINCOLN STREET	I LINGULIA OTTILLI	BOSTON	MA	02111-2901	
STATE STREET TIEE	BAE EMPLOYEE SVGS & INV PLAN	FBO FELIX HEIMES	29 SWEET BRIAR CT	ENDWELL	NY	13760-1052	
STEFHAN C. SHELTON		ADDRESS REDACTED					
STEPHEN C COLLINS		ADDRESS REDACTED					
STEPHEN D MULHOLLEN		ADDRESS REDACTED					
STEPHEN D MULHOLLEN		ADDRESS REDACTED					
STEPHEN SIMAKAUSKAS JR		ADDRESS REDACTED					
STEVEN K READ		ADDRESS REDACTED					



Name	Attention	Address 1	Address 2	City	State	Zip	Country
STEVEN L DICK	Attornion	ADDRESS REDACTED	Addicos 2	- Oity	Otato	2.0	Country
STEVEN PATRICK		ADDRESS REDACTED					
STIBEL LLC		ADDRESS REDACTED					
STUART ROY MUNDAY		ADDRESS REDACTED					
SUSAN ANNETTE MOORE		ADDRESS REDACTED					
SUSAN D JACKSON		ADDRESS REDACTED					
Suzanna P Azoulay		ADDRESS REDACTED					
SUZANNE D CANTON TRUST		ADDRESS REDACTED					
SYGNIA ASSET MANAGEMENT	(PTY) LTD	PO BOX 51591 V & A WATERFRONT		CAPE TOWN		8002	SOUTH AFRICA
SYGNIA ASSET MANAGEMENT	(PTY) LTD FAO: SBSA ITF SYG	IND REV GLO EQ F	PO BOX 51591 V & A WATERFRONT	CAPE TOWN		8002	SOUTH AFRICA
TAMARA H. RUSH		ADDRESS REDACTED					
TAMMY A. MATHEWS		ADDRESS REDACTED					
TAMMY H. RUSH LIVING TRUST		ADDRESS REDACTED					
TAMMY S. SHELTON		ADDRESS REDACTED					
TANGO LIMA HOLDINGS LP		PO BOX 471184		FORT WORTH	TX	76147-1184	
TANYA HENDERSON		ADDRESS REDACTED			-		
TANYA JOY ROBERTS		ADDRESS REDACTED			_		
TAYLOR ROBERTSON		ADDRESS REDACTED			_		
TEAMSTER UPS NATIONAL 401K	TAX DEFERRED SAVINGS PLAN	FBO AARON MILLER	2517 N 12TH STREET	SHEBOYGAN	WI	53083-4770	
TEAMSTER UPS NATIONAL 401K	TAX DEFERRED SAVINGS PLAN	FBO DANIEL G GAST	8364 RICE ROAD	CELINA	OH	45822-9380	
TEAMSTER-UPS NATIONAL 401(K)	TAX DEFERRED SAVINGS PLAN	FBO CHRISTOPHER ROBERT JOHNSON	507 NORTHWOODS DR	BALL GROUND	GA	30107-6803	
TEAMSTER-UPS NATIONAL 401(K)	TAX DEFERRED SAVINGS PLAN	FBO DAVID A CLAY	2711 GROVE AVENUE UNIT 4	RICHMOND	VA	23220-4349	
TEAMSTER-UPS NATIONAL 401(K)	TAX DEFERRED SAVINGS PLAN	FBO DAVID A CLAT	14461 E FM 1431	MARBLE FALLS	TX	78654-3360	
TEAMSTER-UPS NATIONAL 401(K)	TAX DEFERRED SAVINGS PLAN	FBO MIKE HUSTAD	6862 E PEARL STREET	MESA	AZ	85207-1503	1
TERESA F MASCARENHAS	TAX DEI ERRED SAVINGS FEAN	ADDRESS REDACTED	0002 E FEARE STREET	IVILOA		03207-1303	
TERESA L COX	-	ADDRESS REDACTED ADDRESS REDACTED					
TERESA L. COX IRREVOCABLE TRUS		ADDRESS REDACTED					
TERESA P MENGEL		ADDRESS REDACTED			-		
TERRI BOURNE THORNTON 2012		ADDRESS REDACTED					
TERRIE M AYRES		ADDRESS REDACTED					
TERRY HOESE CUSTODIAN FBO		ADDRESS REDACTED					
TERRY HOESE CUSTODIAN FBO		ADDRESS REDACTED					
THE ALEXANDER CHARLES ROETTER		ADDRESS REDACTED					
THE ANDERSON FAMILY TRUST		ADDRESS REDACTED					
THE BARBARA M. H. DAIGNEAULT		ADDRESS REDACTED					
THE BARRETT C. LANDEN		ADDRESS REDACTED					
THE CANDACE W. WHITEHURST IR L		ADDRESS REDACTED					
THE CHARIF LIVING TRUST		ADDRESS REDACTED					
THE E.P. IRREVOCABLE LIVING TR		ADDRESS REDACTED					
THE ERIN R. BRADDI		ADDRESS REDACTED					
			BEIT HABEINLEUMI 6TH FLOOR,				
THE FIRST INTERNATIONAL BANK OF	ISRAEL LTD FBO CUST 25%	SINGLE ACCOUNT AGENCY ACCOUNT	42 ROTHSCHILD BOULEVARD	TEL AVIV		66883	ISRAEL
THE GREENBERG FAMILY		ADDRESS REDACTED					
THE JACK SUPER FUND		ADDRESS REDACTED					
THE JONATHAN HYLTON REVOCABLE		ADDRESS REDACTED					
THE K.D. IRREVOCABLE TRUST		ADDRESS REDACTED					
THE MARK SUDACK SEPARATE TRUST		ADDRESS REDACTED					
THE MCCAFFREY FAMILY 2005		ADDRESS REDACTED					
THE MICAELA L. BRADDI		ADDRESS REDACTED				1	
THE NORTHERN TRUST CO.	99-99999	801 S. CANAL ST.		CHICAGO	IL	60607-4715	
THE PRIEM FAMILY FOUNDATION	HORIZON CORE VALUE PORTFOLIO	33385 PALOMARES ROAD		CASTRO VALLEY	CA	94552-9615	
THE SAT REVOCABLE TRUST 2		ADDRESS REDACTED					
THE SLUDER FAMILY SPECIAL NEED		ADDRESS REDACTED					
THE TST RECOVABLE TRUST		ADDRESS REDACTED					1
THE WHELAN FAMILY TRUST		ADDRESS REDACTED					1
THEODORE E HACKL		ADDRESS REDACTED				1	1
THOMAS C HUTCHENS PHD		ADDRESS REDACTED					1
THOMAS J THIBAULT		ADDRESS REDACTED	+				
THOMAS LABELLE CUSTODIAN	+	ADDRESS REDACTED					
THOMAS LABELLE CUSTODIAN THOMAS LABELLE CUSTODIAN	+	ADDRESS REDACTED	+	- 		+	
THOMAS SOLURI		ADDRESS REDACTED ADDRESS REDACTED					
							-
THOMAS SOLURI FAMILY TRUST		ADDRESS REDACTED	+			+	-
THOMPSON-GIULIANO TRUST		ADDRESS REDACTED	_			+	1
TIAA - CREF TRUST COMPANY CUST		ADDRESS REDACTED				1	
TIAA - CREF TRUST COMPANY CUST		ADDRESS REDACTED	1	1	1	- 1	1
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MAX-CORPER PEDICITION		Attornation		Addition 2	Oity	Otato		Country
MARKED STORMAN QUEST								
MACRES MACRISTOMAN QUEST								
INFASE DISTORMED COLEGE RETRIBUTE OUTS ADDRESS REDUCTED ADDRES	TIAA FSB CUSTODIAN CUST		ADDRESS REDACTED					
MARCHEST	TIAA FSB CUSTODIAN CUST							
TAMP FIRE CUSTITIES CUST COLLEGE RETIREMENT FOURTHS ST. CO								
TRACTORS PROPERTINENT MARKENS DO SEW YORK NY 0017-2713								
TRACEPS ANSESTER'S MOST LECT (1975)		OOL LEGE DETIDENENT FOLUTION FILE		700 TUBB AVE EL 40	NEWYORK	10/	10017.0010	
RLIOTSON LINNO TRUST								
MODIFIED NATE OF THE AMERICAS OF THE AMERICA		CREF MAIN		730 THIRD AVENUE, OTH FLOOR	NEW TORK	INT	10017-3213	
ADDRESS REDUCTED								
TRINGTHY AUGUSE (DISTER) MINTED PARTNERSHIP (DID 5-26-2017 (DOWN of Heil BERT A ADDRESS REDACTED ATTN PRIME BROKER ACCOUNT. TOWN OF HEILERT A ADDRESS REDACTED ADDRESS REDACTED ATTN PRIME BROKER ACCOUNT. TOWN OF HEILERT A ADDRESS REDACTED ATTN PRIME BROKER ACCOUNT. TOWN OF HEILERT A ADDRESS REDACTED ADDRESS REDACTED ATTN PRIME BROKER ACCOUNT. TOWN OF HEILERT A ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED ATTN PRIME BROKER ACCOUNT. TOWN OF HEILERT A ADDRESS REDACTED								
ADDRESS REDACTED	TIMOTHY M CHASE							
TOMMY OF HEIGHT ADDRESS REPACTED	TOBSTER LIMITED PARTNERSHIP	DTD 6-26-2017			PLANO	TX	75093-4029	
TOWNS OF HELBERT 8	TODD PERKINS							
TRACY L HAMMON DOVE								
TRADEUR SECURITIES								
RADERS REDACTED					DOOE! AND	NI I	07000	
TRIPLEY PARTITIONS 3-19 WICKERSHAM LN HOUSTON TX 77027-4133 TYLER CLENNINGS ADDRESS REDACTED ATTN PRIME BROKER ACQUINT. 1285 SCURTIES LLC ERGOTELES CAPITAL FA O ERGOTELES LLC LSS SCURTIES LLC ERGOTELES CAPITAL FA O ERGOTELES LLC LSS SCURTIES LLC FA O MILLENNIMINITL MIGHT LP ATTN PRIME BROKER ACCOUNT 1285 AVE OF THE AMERICAS 91TH L NEW YORK NY 10919-9028 1001 VARSHEY ADDRESS REDACTED ATTN PRIME BROKER ACCOUNT 1285 AVE OF THE AMERICAS 91TH L NEW YORK NY 10919-9028 1001 VARSHEY ADDRESS REDACTED ATTN PRIME BROKER ACCOUNT 1285 AVE OF THE AMERICAS 91TH L NEW YORK NY 10919-9028 1001 VARSHEY ADDRESS REDACTED ATTN PRIME BROKER ACCOUNT 1285 AVE OF THE AMERICAS 91TH L NEW YORK NY 10919-9028 1001 VARSHEY ADDRESS REDACTED ADDRES					RUSELAND	NJ	07068	
ADDRESS REDACTED					HOUSTON	TV	77027 4133	
MORESS REDACTED ATTN PRIME BROKER ACCOUNT. SECRET STEEL SECRET STEEL S					HOUSTON	17	11021-4133	
BESECURTIES LIC								
BBS SECURITIES LLC				ATTN PRIME BROKER ACCOUNT,				
JOHN VARSHINEY	UBS SECURITIES LLC	ERGOTELES CAPITAL	FAO ERGOTELES LLC		NEW YORK	NY	10019-6028	
JOHN VARSHINEY	UBS SECURITIES LLC	FAO MILLENNIUM INTL MGMT LP	ATTN PRIME BROKER ACCOUNT	1285 AVE OF THE AMERICAS 9TH FL	NEW YORK	NY	10019-6028	
ADDRESS REDACTED								
US BANK								
US BANK								
158 BANK 15000 800 NICOLLET MALL MINNEAPOLIS MN 55402-7000								
UTMOST INTERNATIONAL ISLE OF MAN								
VENICAT BALASUBRAMANIAN ADDRESS REDACTED VEXTOR HOLDINGS INC ADDRESS REDACTED ADDRESS REDACTED VICKIE S MELLON ADDRESS REDACTED VICKIE S MELLON ADDRESS REDACTED VICKIEN CONTROLL CONTR						IVIIN		ISLE OF MAN
ADDRESS REDACTED		LIWITED			ONCHAN		IIVISS IIVO	ISLL OF WAIN
ADDRESS REDACTED								
MICKIE S MELLON ADDRESS REDACTED ATTN PRIME BROKER ACCOUNT, BOOW WILLSHIRE BLVD 9TH FL LOS ANGELES CA 90017-2457 WEDBUSH SECURITIES FIA/O SCARBOROUGH VALLEY BIOTECH LLC ATTN PRIME BROKER ACCOUNT, BOOW WILLINGTON CAPITAL MANAGEMENT WITC OTF DIVERSIFIED INFLATION HE WELLINGTON MANAGEMENT OF DIVERSIFIED INFLATION HE WELLIS FARGO FAO INTRINSIC EDGE CAPITAL MICHIES FARGO FAO INTRINSIC EDGE CAPITAL WELLIS FARGO FAO INTRINSIC EDGE CAPITAL WELLIS FARGO INTRINSIC EDGE CAPITAL MGMT LLC ATTN PRIME BROKER, WELLIS FARGO INTRINSIC EDGE CAPITAL MGMT LLC ATTN PRIME BROKER, WELLIS FARGO INTRINSIC EDGE CAPITAL MGMT LLC ATTN PRIME BROKER, WELLIS FARGO INTRINSIC EDGE CAPITAL MGMT LLC ATTN PRIME BROKER, WELLIS FARGO INTRINSIC EDGE CAPITAL MGMT LLC ATTN PRIME BROKER ACCOUNT ADDRESS REDACTED ADDRESS REDACTED ADDRESS REDACTED WILLIAM ACC DIOSS ADDRESS TEET ON WENDELLY JOHNSON WENDELLY JOHNSON WENDELLY JOHNSON WENDELLY JOHNSON WENDELLY JOHNSON WENDELLY JOHNSON ADDRESS REDACTED ADDRESS REDACTED WILLIAM CONRAD PIPKIN WILLIAM CONRAD PIPKIN WILLIAM CONRAD PIPKIN WILLIAM CONRAD PIPKIN WILLIAM GORRAD PIPKIN WILLIAM GORRAD PIPKIN WILLIAM GORRAD PIPKIN WILLIAM GICHER ADDRESS REDACTED ADDRESS REDA								
MULCAN LENDING I LLC								
ADDRESS REDACTED MARREN C. DICK ADDRESS REDACTED ATTN PRIME BROKER ACCOUNT, LOS ANGELES CA 9017-2457								
ADDRESS REDACTED ATTN PRIME BROKER ACCOUNT, 1000 WILSHIRE BLVD 9TH FL LOS ANGELES CA 90017-2457 WEBDBUSH SECURITIES FAO SABBY VOL WT MSTR FUND LTD ATTN PRIME BROKER ACCT 1000 WILSHIRE BLVD 9TH FL LOS ANGELES CA 90017-2456 WEBDBUSH SECURITIES FAO SABBY VOL WT MSTR FUND LTD ATTN PRIME BROKER ACCT 1000 WILHIRE BLVD DL OS ANGELES CA 90017-2456 WELLINGTON CAPITAL MANAGEMENT WTC CTF DIVERSIFIED INFLATION HE 75 STATE STREET BOSTON MA 02:109-1827 WELLINGTON MANAGEMENT CO HARTFORD GLOBAL REAL ASSET RIC 1 NEW YORK PLZ NEW YORK NY 10004-1901 WELLINGTON MANAGEMENT CO FAO INTRINSIC EDGE CAPITAL MGMT LLC MAC D1053-070 CHARLOTTE NC 28:202-6000 MGMT LLC ATTN PRIME BROKER, WELLIS FARGO FAO INTRICISIC EDGE CAPITAL MGMT LLC MGMT LLC ATTN PRIME BROKER, WELLIS FARGO FAO: WEISS ASSET MANAGEMENT LP 225 LIBERTY ST NEW YORK NY 10281-1048 WELLIS FARGO INTRINSIC EDGE CAPITAL MGMT LLC FAO EDGE CAPITAL MGMT LLC FAO EDGE CAPITAL MGMT LLC ATTN PRIME BROKER ACCOUNT MAC D1053-070 CHARLOTTE NC 28:202-0905 WELLIS FARGO SECURTIES LLC FAO PENNINGTON CAPITAL MGMT LLC ATTN PRIME BROKER ACCOUNT MAC D1053-070 CHARLOTTE NC 28:202-0905 WESTON C JOHNSON ADDRESS REDACTED WESTON C JOHNSON ADDRESS REDACTED WILLIAM GILCHER ADDRESS REDACTED WILLIA					MEMPHIS	TN	38117-4706	
ATTN PRIME BROKER ACCOUNT, LOS ANGELES CA 00017-2457								
MEDBUSH SECURITIES	WARREN C. DICK		ADDRESS REDACTED	ATTN DRIME DROVED ACCOUNT				
WEDBUSH SECURITIES	WEDDINGLICECURITIES	E/A/O COADRODOUGULVALLEV	DIOTECHILLO		100 4105150	0.4	00047 0457	
WELLINGTON CAPITAL MANAGEMENT						CA		
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WILLIAM GREGORY ADDRESS REDACTED								
WILLIAM J BRADLEY ADDRESS REDACTED								
	WILLIAM J BRADLEY		ADDRESS REDACTED					

Case 22-90341 Document 1691 Filed in TXSB on 01/09/24 Page 133 of 133



Exhibit E

Name	Attention	Address 1	Address 2	City	State	Zip	Country
WILLIAM M HAGEN TRUST		ADDRESS REDACTED					
WILLIAM REILLY		ADDRESS REDACTED					
WILLIAM ROSS MONTANTE		ADDRESS REDACTED					
YORK SECURITIES	PROPRIETARY INVENTORY 1	160 BROADWAY		NEW YORK	NY	10038-4201	
YORK SECURITIES	PROPRIETARY INVENTORY 2	160 BROADWAY	RM 710 E	NEW YORK	NY	10038-4201	
							REPUBLIC
YUANTA SECURITIES KOREA CO LTD	EULJI-RO 2-GA	YUANTA SECURITIES INC BLDG	76, EULJI-RO, JUNG-GU	SEOUL			OF KOREA
YVETTE A MORRIS		ADDRESS REDACTED					